

### **BEARING & TOOL CENTRE**



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#### Our Sister Concern: RELIEF SERVICE CENTRE

Repairs, Removal of Jaw Error, Bore Gauge Extension, Instrument Modifications & Spares

#### Quotation

#### 85 | Sound Level Meter – Lutron & ACD Make

Model	4001	4010	4011	4012	4013	4022	SC-941	S4000	SC-942	M&W
Range	35-130	30-130 b	35-130	35-130	30-130	3 Range		35-150	2 Range	30-130
Least count	0.1 db	0.1 db	0.1 db	0.1 db	0.1 db	0.1 db	0.1 db		0.1 db	1.5db
Rs.	6700	5000	9200	10500	4000	15850	15450	8400	15950	4200
Calibration	3500	3500	3500	3500	3500	3500	-		-	-
Catalog	Page – 3	Page – 5	Page – 7	Page – 9,11	Page – 13	Page – 15	Page – 17	Page – 18	Page -17	

85 - 1	Digital Sound Level Meter - Metrix+	@ With 10% Discount	Model	Rs	Catalog	

1	30 ~ 130 db A & C Weighting	SL 4001	2900	Page -18
2	30 ~ 130 db A & C Weighting P C Interface Competible	SL 4005	3500	Page -18
3	PC Interface RS 232C + Software + USB Adaptor for SL 4005		3400	Page -18

### Note: No any warranty in all above Testing Instruments

### **Terms & Conditions –**

- Goods offered Subject to Prior Sale
- Price Validity: "15 Days from Date of Quotation"
- C.S.T 2% extra against form C. Otherwise 5% without form C For Out of Gujarat Sales only.
- VAT 5% extra for Sales within Gujarat. Prices Ex-Godown Ahmedabad.
- Payment against Proforma Invoice, Packing, Forwarding & Freight extra.
- Bank Detail Kotak Mahindra Bank Ltd.
- Branch Shivraniini
- Bank IFSC Code KKBK 0000 810
- Bank Account No. 08102 00000 2689
- Note While making payment online do mention your Company's name.
- TIN NO 24070901229, CST No. 24570901229
- We are looking forward to your valued orders.

# **LUTRON MAKE**

SL-4010 LUTRON SOUND LEVEL METER. Range: 30 ~ 130 dB, 3
ranges. 50dB on each step
SL-4030 SAME AS ABOVE but with 94dB inbuilt Calibration
SL-4001 LUTRON SOUND LEVEL METER 3 ranges
Range: 35 ~ 130 dB (Typical 30dB ~ 130dB)
SL-4011 LUTRON SOUND LEVEL METER all same as above
SL-4012 LUTRON SOUND LEVEL METER all same as above
SL-4013 LUTRON with Separate Sound Probe Al
same as SL-4010
SL-4022 LUTRON CLASS 'A' SOUND LEVEL METER
Ranges: 3 Ranges (30~70dB, 60~100dB, 90~130dB)
AZ-8925 SOUND LEVEL METER Range : 40dB ~ 130dB Auto Ranging
SC-941 LUTRON SOUND CALIBRATOR 0.5" MICROPHONE Sound Pressure Level: 94dB 0.8 dB
SC-942 LUTRON All same as SC-941 but with Sound Pressure level (2 Ranges): 94dB +0.75dB / 114dB +0.9dB.
ND-9 HATCO Sound Pressure Level : 94dB +0.5dB / 114dB +0.5dB.

### IEC 61672 class 2

# SOUND LEVEL METER

Model: SL-4001 *ISO-9001, CE, IEC1010* 







	SPECIFICATIONS			
Display	18mm (0.7") LCD (Liquid Crystal Display), 3 1/2 digits.			
Function	dB (A & C frequency weighting), Time weighting(Fast, Slow), Max. hold, AC & DC output.			
Measurement Range	3 ranges, 30 to 130 dB, input signal only.			
Resolution	0.1 dB.			
Accuracy	Frequency weighting meet IEC 61672 class 2, calibrating input signal on 94 dB(31.5 Hz to 8			
(23 ± 5°C)	kHz), then the accuracy of frequency weighting is specified as following:			
	31.5 Hz - ± 3.5 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB			
	250 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 1 kHz - ± 1.4 dB 2 kHz - ± 2.6 dB, 4 kHz - ± 3.6 dB, 8 kHz - ± 5.6 dB			
	Characteristics of A & C.			
Frequency	A weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, if making			
Weighting Network	the environmental sound level measurement, always select to A weighting.			
The state of the s	C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the			
	noise of machinery (Q.C. check) & knowing the sound pressure level of the tested			
	equipment.			
Frequency	31.5 Hz to 8,000 Hz.			
Calibrator	B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model : 4226.			
Microphone type	Electric condenser microphone.			
Size of microphone	1/2 inch standard size.			
Range selector 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step,				
	with over & under range indicating.			
Time weighting	Fast - t= 200 ms, Slow - t = 500 ms,			
(Fast & Slow)	* "Fast" range is simulated the human ear response time weighting.			
	"Slow" range is easy to get the average values of vibration sound level.			
Calibration	* Build in external calibration VR, easy to calibrate by external screw driver.			
2.00	* Internal oscillation system, 1 KHz sine wave generator.			
Output Signal	AC output - AC 0.5 Vrms corresponding to each range step.			
	DC output - DC 0.3 to 1.3 VDC, 10 mV per dB.			
	Out put impedance - 600 ohm.			
Output terminal	3.5 mm phone output terminal is provided for connection with analyzer, level recorder, tape			
	recorder.			
Operating Temp.	0 °C to 50 °C ( 32 °F to 122 °F ).			
Operating Humidity	Less than 80% RH			
Power Supply	006P DC 9V battery(heavy duty type).			
Power Consumption	Approx. DC 6mA.			
Dimension	205 x 80 x 35 mm ( 8.1 x 3.2 x 1.4 inch).			
Weight	280 g/0.62 LB (including battery).			
Standard Accessories	Instruction Manual			
Juliualu Accessories				
0.11	Calibration screw driver			
Optional Accessories	94 dB Sound Calibrator, Model : SC-941.			
	94 dB/114 dB Sound Calibrator, Model : SC-942.			
g	Hard carrying case, Model : CA-06.			
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<sup>\*</sup> Appearance and specifications listed in this brochure are subject to change without notice.

### IEC 61672 class 2, economical type

# SOUND LEVEL METER

Model: SL-4010 *ISO-9001, CE, IEC1010* 







FEATURES			
* Large LCD display, easy to read.  * Charateristic of " A " frequency weighting network are designed to meet IEC 61672 class 2.	* LCD display for low power consumption & clear read-out even in bright ambient light condition.		
" Fast " time weighting characteristic mode.     Build in adj. VR is available for easy calibration.	* Used the durable, long-lasting components, including a strong, light weight ABS-plastic housing case.		
<ul> <li>Condenser microphone for high accuracy &amp; long-term stability.</li> </ul>	* Small and light weight design allow one hand operation.		
* Hold function to freeze the display value.     * Warning indicator for over and under range.	* Low battery indicator.   * High quality with economical cost.		

	SPECIFICATIONS	
Display	18 mm ( 0.7" ) LCD ( Liquid Crystal Display ), 3 1/2 digits.	
Measurement Range	35 to 130 dB, 3 ranges : range 1 - 35 to 80 dB, range 2 - 50 to 100 dB, range 3 - 80 to 130 dB, Each range with warning indicator for over & under load.	
Resolution	0.1 dB.	
Measurement Frequency	31.5 Hz to 8,000 Hz.	
Frequency Weighting Network	Characteristics of " A " frequency weighting network.  The " A weighting " characteristic is simulated as "Human Ear Listing" response.	
Time Weighting	Default to " Fast " time weighting characteristics.  " Fast time weighting " is simulated the human ear response character.	
Accuracy (23 ± 5 °C)	Characteristics of " A " frequency weighting network meet IEC 61672 class 2.  Under 94 dB input signal, the accuracy are:  31.5 Hz - ± 3.5 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB  250 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 1 kHz - ± 1.4 dB  2 kHz - ± 2.6 dB, 4 kHz - ± 3.6 dB, 8 kHz - ± 5.6 dB	
Calibrator	B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.	
Microphone type	Electric condenser microphone.	
Size of microphone	1/2 inch standard size.	
Calibration VR	Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.	
Data Hold	Hold function to freeze the display value.	
Operating Temp.	0 ℃ to 50 ℃ ( 32 °F to 122 °F ).	
Operating Humidity	Less than 80% RH	
Power Supply	006P DC 9V battery ( heavy duty type ).	
Power Consumption	Approx. DC 6 mA.	
Dimension	225 x 70 x 28 mm ( 8.9 x 2.8 x 1.1 inch).	
Weight	250 g/0.55 LB ( including battery ).	
	Instruction Manual 1 PC.	
Optional Accessories	94 dB Sound Calibrator, Model : SC-941. 94 dB/114 dB Sound Calibrator, Model : SC-942.	

<sup>\*</sup> Appearance and specifications listed in this brochure are subject to change without notice.

### IEC 61672 class 2

# SOUND LEVEL METER

Model: SL-4011 ISO-9001, CE, IEC1010



### **DIGITAL SOUND LEVEL METER**

Model: SL-4011

FEATURES				
* Large LCD display, easy to read.	* Max. Hold function for stored the maximum value on display.			
* Frequency weighting networks are designed to meet the	* Warning indicator for over and under load.			
IEC 61672 class 2.	* LCD display for low power consumption & clear read-out even			
* A & C weighting networks are conformity to standards.	in bright ambient light condition.			
* Time weighting(FAST & SLOW) dynamic characteristic modes.	* Used the durable, long-lasting components, including a strong,			
* AC/DC output for system expansion.	light weight ABS-plastic housing case.			
* Build in adj. VR is available for easy calibration.	* Small and light weight design allow one hand operation.			
* Condenser microphone for high accuracy & long-term stability.	* Low battery indicator.			

	SPECIFICATIONS			
Display	18mm (0.7") LCD (Liquid Crystal Display), 3 1/2 digits.			
Function	dB (A & C frequency weighting), Time weighting(Fast, Slow), Max. hold, AC & DC output.			
Measurement Range	3 ranges, 30 to 130 dB, input signal only.			
Resolution	0.1 dB.			
Accuracy	Frequency weighting meet IEC 61672 class 2, calibrating input signal on 94 dB(31.5 Hz to 8			
(23 ± 5 °C)	kHz), then the accuracy of frequency weighting is specified as following:			
	31.5 Hz - ± 3.5 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB			
	250 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 1 kHz - ± 1.4 dB			
	2 kHz - ± 2.6 dB, 4 kHz - ± 3.6 dB, 8 kHz - ± 5.6 dB			
	Characteristics of A & C.			
Frequency	A weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, if making			
Weighting Network	the environmental sound level measurement, always select to A weighting.			
	C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the			
	noise of machinery (Q.C. check) & knowing the sound pressure level of the tested			
	equipment.			
requency	31.5 Hz to 8,000 Hz.			
Calibrator	B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model : 4226.			
Microphone type	Electric condenser microphone.			
Size of microphone	1/2 inch standard size.			
Range selector	30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step,			
	with over & under range indicating.			
Time weighting	Fast - t= 200 ms, Slow - t = 500 ms,			
(Fast & Slow)	* "Fast" range is simulated the human ear response time weighting.			
	"Slow" range is easy to get the average values of vibration sound level.			
Calibration	* Build in external calibration VR, easy to calibrate by external screw driver.			
Output Signal	AC output - AC 0.5 Vrms corresponding to each range step.			
	DC output - DC 0.3 to 1.3 VDC, 10 mV per dB.			
	Out put impedance - 600 ohm.			
Output terminal	3.5 mm phone output terminal is provided for connection with analyzer, level recorder, tape recorder.			
Operating Temp.	0 ℃ to 50 ℃ ( 32 ℉ to 122 ℉ ).			
Operating Humidity	Less than 80% RH			
Power Supply	006P DC 9V battery(heavy duty type).			
Power Consumption	Approx. DC 6mA.			
Dimension	255 x 70 x 28 mm (10.0x2.8x1.1 inch).			
Weight	280 g/0.62 LB (including battery).			
Standard Accessories	Instruction Manual 1 PC.			
Optional Accessories	94 dB Sound Calibrator, Model : SC-941.			
	94 dB/114 dB Sound Calibrator, Model : SC-942.			
	Hard carrying case, Model : CA-06.			
	isted in this brochure are subject to chance without notice 0807-SI 4011			

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# SOUND LEVEL METER

Model : SL-4012

ISO-9001, CE, IEC1010



### **FEATURES**

- Large LCD display, easy to read.
   Frequency weighting meet
- \* IEC 61672 class 2.
- \* Auto range & manual range.
- \* A & C frequency weighting.
- \* Fast & Slow time weighting
- \* AC output for system expansion.
- \* RS232 computer interface.
- External calibration VR.
- \* Hold & Memory record.
- \* High accuracy condenser microphone
- \* Peak Hold.
- \* Over and under load indicator.
- \* LCD display.
- Durable, strong light weight ABS-plastic housing case.





### Auto range, AC output, Memory

# **DIGITAL SOUND LEVEL METER**

Model: SL-4012

FEATURES				
	* Hold & Memory record ( max., min. )			
* Frequency weighting networks are designed to meet	* Condenser microphone for high accuracy & stability.			
IEC 61672 class 2.	* Peak Hold function for stored the maximum value.			
* Auto range & mamual range.	* Warning indicator for over and under load.			
* A & C weighting networks are conformity to standards.				
* Fast & Slow dynamic characteristic modes.	out even in bright ambient light condition.			
* AC output for system expansion.	* Used the durable, long-lasting components, including			
* RS232/USB computer interface.	a strong light weight ABS-plastic housing case.			
* Build in adj. VR is available for easy calibration.	* Compact and light weight plastic housing.			

	SPECIFICATIONS
Display	52 mm x 32 mm LCD (Liquid Crystal Display), 5 digits.
Function	dB (A & C frequency weighting), Time weighting(Fast, Slow), Hold, Memory ( max. &
	min. ), Peak hold, AC & RS232 output.
Measurement Range	
Resolution	0.1 dB.
Accuracy	Frequency weighting meet IEC 61672 class 2, calibrating input signal on 94 dB(31.5 Hz to
(23 ± 5 °C)	8 kHz), then the accuracy of frequency weighting is specified as following:
	31.5 Hz - ± 3.5 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB
	250 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 1 kHz - ± 1.4 dB
	2 kHz - ± 2.6 dB, 4 kHz - ± 3.6 dB, 8 kHz - ± 5.6 dB
_	Characteristics of A & C.
Frequency	A weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, if
Weighting Network	making the environmental sound level measurement, always select to A
	weighting.
	C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for
	checking the noise of machinery (Q.C. check) & knowing the sound
	pressure level of the tested equipment.
Frequency	31.5 Hz to 8,000 Hz.
Calibrator	B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model : 4226.
Microphone type	Electric condenser microphone.
Size of microphone	1/2 inch standard size.
Range selector	Auto range : 30 to 130 dB.
	Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, with
	over & under range indicating.
	Fast - t= 200 ms, Slow - t = 500 ms,
Time Weighting	* "Fast" range is simulated the human ear response time weighting.
(Fast & Slow)	"Slow" range is easy to get the average values of vibration sound level.
	* The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requirement.
Output Signal	* AC output - AC 0.5 Vrms corresponding to each range step.
	Output impedance - 600 ohm.
	* RS232 output.
Output terminal	Terminal 1 : RS232 computer interface terminal.
	Terminal 2 : AC output terminal.
	* Terminal socket size : 3.5 mm dia. phone socket.
Calibration VR	Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.
Operating Temp.	0 ℃ to 50 ℃ ( 32°F to 122°F ).
Operating Humidity	Less than 80% RH.
Power Supply	006P DC 9V battery ( Alkaline or heavy duty type ).
Power Consumption	Approx. DC 6mA.
Dimension	268 x 68 x 29 mm ( 10.6 x 2.7 x 1.1 inch).
Weight	295 g/0.65 LB.
	Instruction Manual1 PC.
Optional	Sound Calibrator, model : SC-941 ( 94 dB ). SC-942 ( 94dB, 114 dB ).
	Carrying case : CA-06
	RS232 cable, Model: UPCB-02
	USB cable, Model: USB-01
	Application software, Model : SW-U801-WIN
* Appearance and enecifi	cations listed in this brochure are subject to change without notice. 0711-5I 4012

<sup>\*</sup> Appearance and specifications listed in this brochure are subject to change without notice.

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# SOUND LEVEL METER

Model : SL-4012

ISO-9001, CE, IEC1010



### **FEATURES**

- Large LCD display, easy to read.
   Frequency weighting meet
- \* IEC 61672 class 2.
- \* Auto range & manual range.
- \* A & C frequency weighting.
- \* Fast & Slow time weighting
- \* AC output for system expansion.
- \* RS232 computer interface.
- \* External calibration VR.
- \* Hold & Memory record.
- \* High accuracy condenser microphone
- \* Peak Hold.
- \* Over and under load indicator.
- \* LCD display.
- Durable, strong light weight ABS-plastic housing case.





### **DIGITAL SOUND LEVEL METER**

Model: SL-4012

FEATURES					
* Large LCD display, easy to read.	* Hold & Memory record ( max., min. )				
* Frequency weighting networks are designed to meet	* Condenser microphone for high accuracy & stability.				
IEC 61672 class 2.	* Peak Hold function for stored the maximum value.				
* Auto range & mamual range.	* Warning indicator for over and under load.				
* A & C weighting networks are conformity to standards.	* LCD display for low power consumption & clear read-				
* Fast & Slow dynamic characteristic modes.	out even in bright ambient light condition.				
* AC output for system expansion.	* Used the durable, long-lasting components, including				
* RS232/USB computer interface.	a strong light weight ABS-plastic housing case.				
* Build in adj. VR is available for easy calibration.	* Compact and light weight plastic housing.				

	SPECIFICATIONS			
Display	52 mm x 32 mm LCD (Liquid Crystal Display), 5 digits.			
Function	dB (A & C frequency weighting), Time weighting(Fast, Slow), Hold, Memory ( max. &			
	min. ), Peak hold, AC & RS232 output.			
Measurement Range				
Resolution	0.1 dB.			
Accuracy	Frequency weighting meet IEC 61672 class 2, calibrating input signal on 94 dB(31.5 Hz to			
(23 ± 5 °C)	8 kHz), then the accuracy of frequency weighting is specified as following:			
	31.5 Hz - ± 3.5 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB			
	250 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 1 kHz - ± 1.4 dB			
	2 kHz - ± 2.6 dB, 4 kHz - ± 3.6 dB, 8 kHz - ± 5.6 dB			
	Characteristics of A & C.			
Frequency	A weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, if			
Weighting Network	making the environmental sound level measurement, always select to A			
J	weighting.			
	C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for			
	checking the noise of machinery (Q.C. check) & knowing the sound			
	pressure level of the tested equipment.			
Frequency	31.5 Hz to 8,000 Hz.			
Calibrator	B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model : 4226.			
Microphone type	Electric condenser microphone.			
Size of microphone	1/2 inch standard size.			
Range selector	Auto range : 30 to 130 dB.			
	Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, with			
	over & under range indicating.			
	Fast - t= 200 ms, Slow - t = 500 ms,			
Time Weighting	* "Fast" range is simulated the human ear response time weighting.			
(Fast & Slow)	"Slow" range is easy to get the average values of vibration sound level.			
	* The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requirement.			
Output Signal	* AC output - AC 0.5 Vrms corresponding to each range step.			
	Output impedance - 600 ohm.			
	* RS232 output.			
Output terminal	Terminal 1 : RS232 computer interface terminal.			
	Terminal 2 : AC output terminal.			
- M	* Terminal socket size : 3.5 mm dia. phone socket.			
Calibration VR	Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.			
Operating Temp.	0 ℃ to 50 ℃ ( 32°F to 122°F ).			
Operating Humidity	Less than 80% RH.			
Power Supply	006P DC 9V battery ( Alkaline or heavy duty type ).			
	Approx. DC 6mA.			
Dimension	268 x 68 x 29 mm ( 10.6 x 2.7 x 1.1 inch).			
Weight	295 g/0.65 LB. Instruction Manual			
	Sound Calibrator, model : SC-941 ( 94 dB ). SC-942 ( 94dB, 114 dB ).			
Optional				
	Carrying case: CA-06 RS232 cable. Model: UPCB-02			
	Application software, Model : SW-U801-WIN			
*	replaced in this breaking are subject to charge without notice 0711 CL4012			

<sup>\*</sup> Appearance and specifications listed in this brochure are subject to change without notice.

0711-SL4012

### Auto range, Separate probe, AC output, Memory

# SOUND LEVEL METER

Model: SL-4013 *ISO-9001, CE, IEC1010* 



### **FEATURES**

- \* Separate sound probe, easy operation.
- Large LCD display, easy to read.
   Frequency weighting meet
- \* IEC 61672 class 2.
- \* Auto range & manual range.
- \* A & C frequency weighting.
- \* Fast & Slow time weighting
- \* AC output for system expansion.
- \* RS232 computer interface.
- \* External calibration VR.
- \* Hold & Memory record.
- \* High accuracy condenser microphone
- \* Peak Hold.
- \* Over and under load indicator.
- \* LCD display.
- \* Durable, strong light weight ABS-plastic housing case.





### Auto range, Separate probe, AC output, Memory

### **DIGITAL SOUND LEVEL METER, Model: SL-4013**

FEATURES				
* Large LCD display, easy to read.	* Build in adj. VR is available for easy calibration.			
	* Hold & Memory record ( max., min. )			
IEC 61672 class 2.	* Condenser microphone for high accuracy & stability.			
* Auto range & mamual range.	* Peak Hold function for stored the maximum value.			
* A & C weighting networks are conformity to standards.	* Warning indicator for over and under load.			
	* LCD display for low power consumption & clear read-			
* AC output for system expansion.	out even in bright ambient light condition.			
* RS232/USB computer interface.	* Used the durable, long-lasting components, including			
* Separete sound probe, easy for remote sound	a strong light weight ABS-plastic housing case.			
measurement.	* Compact and light weight plastic housing.			

Display   S2 mm x 32 mm LCD (Liquid Crystal Display), 5 digits.	Beautifon   dB (A & C frequency weighting), Time weighting(Fast, Slow), Hold, Memory ( max. & min. ), Peak hold, AC & RS232 output.		SPECIFICATIONS				
## AC C frequency weighting, Time weighting(Fast, Slow), Hold, Memory ( max. & min. ), Peak hold, AC & RS232 output.  ## Measurement Range   30 - 130 dB.   ## Accuracy   Frequency weighting meet IEC 61672 class 2, calibrating input signal on 94 dB ( 31.5 H to 8 KHz), then the accuracy of frequency weighting is specified as following:	Age   Age   Caregority   Frequency   Fr	Display	52 mm x 32 mm LCD (Liquid Crystal Display), 5 digits.				
min. ), Peak hold, AC & RS232 output.  Measurement Ranga 9	min. ), Peak hold, AC & RS232 output.   Measurement Range   Resolution   O.1 dB.     Frequency weighting meet IEC 61672 class 2, calibrating input signal on 94 dB ( 31.5 l to 8 KHz), then the accuracy of frequency weighting is specified as following:   31.5 Hz + ± 3 dB, 63 Hz + ± 2.5 dB, 125 Hz + ± 2.0 dB   250 Hz + ± 1.9 dB, 500 Hz + ± 1.9 dB, 14 KHz + ± 5.6 dB   2 kHz + ± 2.6 dB   4 kHz + ± 2.6 dB, 8 kHz + ± 5.6 dB   2 kHz + ± 2.6 dB   4 kHz + ± 2.6 dB, 8 kHz + ± 5.6 dB   2 kHz + ± 2.6 dB   4 kHz + ± 3.6 dB   4 kHz +		dB (A & C frequency weighting). Time weighting (Fast, Slow), Hold, Memory ( max, &				
Measurement Range       30 - 130 dB.         Resolution       Frequency weighting meet IEC 61672 class 2, calibrating input signal on 94 dB ( 31.5 Hz of 8 KHz), then the accuracy of frequency weighting is specified as following: 31.5 Hz - ± 3 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB, 250 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 8 Hz - ± 5.6 dB         Frequency       Characteristics of A & C.         Frequency       Characteristics of A & C.         Weighting Network       Characteristics of A & C.         Gender of the characteristic is near the "FLAT" response. Typical, making the environmental sound level measurement, always select to A weighting.         C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.         Frequency       31.5 Hz to 8,000 Hz.         Calibrator       B & K (Bruel & Kajzer), multi-fuction acoustic calibrator, model : 4226.         Electric condenser microphone.       Electric condenser microphone.         Size of microphone       1/2 inch standard size.         Range selector       Alto range: 30 to 130 dB.         Time Weighting (Fast & Slow)       "Fast - t= 200 ms, Slow - t = 500	Measurement Range       30 - 130 dB.         Accuracy       Frequency weighting meet IEC 61672 class 2, calibrating input signal on 94 dB ( 31.5 to 8 KHz), then the accuracy of frequency weighting is specified as following: 31.5 Hz - ± 3 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB 250 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 125 Hz - ± 2.6 dB         Frequency       Characteristics of A & C.         Frequency       Characteristics of A & C.         Weighting Network       Characteristics of A & C.         C weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, making the environmental sound level measurement, always select to A weighting.         C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.         Frequency       31.5 Hz to 8,000 Hz.         Calibrator       B & K (Bruel & Kjaer), multi-fuction acoustic calibrator, model : 4226.         Microphone       Electric condenser microphone.         Size of microphone       1/2 inch standard size.         Range selector       1/2 inch standard size.         Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step over 8 under range indicating.         Fast - t= 200 ms, Slow - t = 500 ms, "Slow" range is simulated the human ear response time weighting. "Slow" range is seasy to get the average values of vibration sound level. * The "Fast" "Slow" time weighting range are designed to IEC 61672 class 2 require and problematical		min. ). Peak hold. AC & RS232 output.				
Resolution  Accuracy Frequency weighting meet IEC 61672 class 2, calibrating input signal on 94 dB ( 31.5 H to 8 KHz), then the accuracy of frequency weighting is specified as following:  31.5 Hz - ± 3 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB  25 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 14 Hz - ± 1.4 dB  2 kHz - ± 2.6 dB, 4 kHz - ± 3.6 dB, 8 kHz - ± 5.6 dB  Characteristics of A & C.  A weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, in making the environmental sound level measurement, always select to A weighting.  C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz, multi-fuction acoustic calibrator, model: 4226.  Electric condenser microphone.  17 Iz Inch standard size.  Auto range: 30 to 130 dB.  Manual range: 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t= 200 ms, Slow - t = 500 ms,  "Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  "The "Fast" angle is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  "The "Fast" as "Slow" time weighting range are designed to IEC 61672 class 2 requiren  Output terminal  Terminal 1 RS232 computer interface terminal.  Terminal 2: AC output terminal.  Terminal 2: AC output terminal.  Terminal 3: AC output terminal.  Terminal 4: RS232 computer interface terminal.  Terminal 5: AC output terminal.  Terminal 6: AC output terminal.  Terminal 7: AC output terminal.  Terminal 8: AC output terminal.  Terminal 9: A	Resolution Accuracy Frequency weighting meet IEC 61672 class 2, calibrating input signal on 94 dB (31.51 to 8 KHz), then the accuracy of frequency weighting is specified as following:  31.5 Hz ± 3 dB, 63 Hz ± 2.5 dB, 125 Hz ± 2.0 dB 250 Hz ± 1.9 dB, 500 Hz ± 1.9 dB, 16 Hz ± 1.4 dB 2 kHz ± 2.6 dB, 4 kHz ± 3.6 dB, 8 kHz ± 5.6 dB  Characteristics of A & C.  A weighting - The characteristic is simulated as "Human Ear Listing" response. Typical making the environmental sound level measurement, always select to A weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency 31.5 Hz to 8,000 Hz. Calibrator B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model : 4226. Electric condenser microphone. Size of microphone If condenser microphone. Size of microphone Range selector  Microphone Range selector  Microphone  Fast - t= 200 ms, Slow - t = 500 ms, "Fast" range is simulated the human ear response time weighting. "Fast" - t= 200 ms, Slow - t = 500 ms, "Fast" range is simulated the human ear response time weighting. "Slow" range is seasy to get the average values of vibration sound level.  * The "Fast" slow' time weighting range are designed to IEC 61672 class 2 require Output terminal  Output terminal Terminal 1 Sca22 computer interface terminal.  Terminal 2 : AC output terminal.  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  * Terminal 3 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  * Terminal 3 : Less than 80% RH.  Operating Humidity  Doperating Humidity	Measurement Range					
Frequency weighting meet IEC 61672 class 2, calibrating input signal on 94 dB ( 31.5 Hz ot 8 KHz), then the accuracy of frequency weighting is specified as following:  31.5 Hz - ± 3 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB  250 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 1 kHz - ± 1.4 dB  2 kHz - ± 2.6 dB, 4 kHz - ± 3.6 dB, 8 kHz - ± 5.6 dB  Characteristics of A & C.  A weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, in aking the environmental sound level measurement, always select to A weighting.  C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz.  Calibrator  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model : 4226.  Electric condenser microphone.  Size of microphone  I/2 inch standard size.  Auto range : 30 to 130 dB.  Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  "Fast" range is easy to get the average values of vibration sound level.  "The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requiren  Output Signal  Output terminal  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  "Terminal 2 : AC output terminal.  "Terminal 3 : RS232 computer interface terminal.  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  "Terminal 3 : RS232 computer interface terminal.  Terminal 4 : RS232 computer interface terminal.  "Terminal 5 : AC output terminal.  "Terminal 6 : RS232 computer interface terminal.  Terminal 7 : RS232 computer interface terminal.  "Terminal 6 : RS232 computer interface terminal.  Terminal 7 : RS232 computer interface terminal.  "Terminal 8 : RS232 computer interface terminal.  Terminal 9 : RS232 computer interface terminal.  "Terminal 5 : RS232 computer interface terminal.  Terminal 5 : RS2	Accuracy (23 ± 5°C)  Frequency weighting meet IEC 61672 class 2, calibrating input signal on 94 dB ( 31.5 to 8 kHz), then the accuracy of frequency weighting is specified as following:  31.5 Hz - ± 3 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB  250 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 1 kHz - ± 1.4 dB  2 kHz - ± 2.6 dB, 4 kHz - ± 3.6 dB  Characteristics of A & C.  A weighting Network  Characteristics of A & C.  A weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, making the environmental sound level measurement, always select to A weighting.  C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz.  Calibrator  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model : 4226.  Electric condenser microphone.  Size of microphone  Flectric condenser microphone.  1/2 inch standard size.  Auto range : 30 to 130 dB.  Manual range : 3 tange, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step. over & under range indicating.  Fast - t= 200 ms, Slow - t = 500 ms,  "Fast" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require output terminal  Terminal 1: RS232 computer interface terminal.  * Terminal 2: AC output terminal.  * Terminal 3: RS232 computer interface terminal.  Terminal 2: AC output terminal.  * Terminal 3: RS232 computer interface terminal.  Terminal 4: RS232 computer interface terminal.  * Terminal 5: RS232 computer interface terminal.  Terminal 6: RS232 computer interface terminal.  * Terminal 8: AS232 computer interface terminal.  * Terminal 9: AS232 computer interface terminal.  * Terminal 1: RS2332 computer interface terminal.  * Terminal 5: AS232 computer interface terminal.  * Terminal 6: RS2332 computer interface terminal.  * Terminal 7: RS2332 computer interface terminal.  * Terminal 8: AS2332 c						
to 8 KHz), then the accuracy of frequency weighting is specified as following:  31.5 Hz - ± 3 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB  26 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 16 Hz - ± 1.4 dB  26 Khz - ± 2.6 dB, 4 kHz - ± 3.6 dB, 8 kHz - ± 5.6 dB  Characteristics of A 8 C.  Frequency  Weighting Network  Characteristics of A 8 C.  Frequency  Weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, making the environmental sound level measurement, always select to A weighting.  C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz.  Calibrator  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model : 4226.  Electric condenser microphone.  17 Inch standard size.  Auto range : 30 to 130 dB.  Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  "Fast" range is seasy to get the average values of vibration sound level.  "The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requiren  AC output - AC 0.5 Vms corresponding to each range step.  Output terminal  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  "Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  "Terminal 3 : RS232 computer interface terminal.  Terminal 4 : RS232 computer interface terminal.  Terminal 5 : Computer interface terminal.  Terminal 6 : RS23 : F to 122 F to 122 F to 122 F to 123 F to 124 F to 1	to 8 kHz), then the accuracy of frequency weighting is specified as following:  31.5 Hz - ± 3 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB  2 kHz - ± 2.6 dB, 4 kHz - ± 1.4 dB  2 kHz - ± 2.6 dB, 4 kHz - ± 3.6 dB, 8 kHz - ± 5.6 dB  Characteristics of A & C.  Frequency Weighting Network  Characteristic sof A & C.  A weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, making the environmental sound level measurement, always select to A weighting.  C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz.  Calibrator  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model : 4226.  Electric condenser microphone.  Size of microphone  1/2 inch standard size.  Auto range : 30 to 130 dB.  Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,     "Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  "The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require output terminal  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  "Terminal 3 socket size : 3.5 mm dia. phone socket.  Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp.  Opera			_			
31.5 Hz - ± 3 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB 250 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 1 kHz - ± 1.4 dB 2 kHz - ± 2.6 dB, 4 kHz - ± 3.6 dB, 8 kHz - ± 5.6 dB  Characteristics of A & C.  A weighting Network  Reighting Network  C weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, imaking the environmental sound level measurement, always select to A weighting.  C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency 31.5 Hz to 8,000 Hz.  Calibrator B & K (Bruel & Kjaer), multi-fuction acoustic calibrator, model : 4226.  Electric condenser microphone.  Size of microphone 1/2 inch standard size.  Range selector  Auto range : 30 to 130 dB.  Manual range : 30 to 130 dB.  Manual range : 31 to 180 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  "Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  "The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requiren  Output Signal  Output terminal  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  Terminal 1 : RS232 computer interface terminal.  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  * Terminal 3 : AC output terminal.  * Terminal 4 : RS232 computer interface terminal.  Terminal 5 : Contput terminal.  * Terminal 6 : Contput terminal.  * Terminal 7 : RS232 computer interface terminal.  Terminal 8 : AC output terminal.  * Terminal 9 : Contput terminal.  * Terminal 1 : RS232 computer interface terminal.  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  * Terminal 6 : Contput terminal.  * Terminal 7 : RS232 computer interface terminal.  Terminal 9 : Contput terminal.  * Terminal 9 : Contput terminal.  * Term	31.5 Hz - ± 3 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB 250 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 1 kHz - ± 1.4 dB 2 kHz - ± 2.6 dB, 4 kHz - ± 3.6 dB, 8 kHz - ± 5.6 dB  Characteristics of A & C.  A weighting Network  Weighting Network  Weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, making the environmental sound level measurement, always select to A weighting.  C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency 31.5 Hz to 8,000 Hz.  Calibrator B & K (Bruel & kjaer), multi-fruction acoustic calibrator, model : 4226.  Electric condenser microphone.  Size of microphone 1/2 inch standard size.  Auto range : 30 to 130 dB.  Manual range : 31 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  "Fast" range is simulated the human ear response time weighting. "Slow" range is easy to get the average values of vibration sound level.  "The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require  Output Signal  AC output - AC 0.5 Vrms corresponding to each range step.  Output impedance - 600 ohm.  *RS232 output.  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  Terminal 3 : RS232 computer interface terminal.  Terminal 4 : AC 0.5 Vrms corresponding to each range step.  Operating Temp.  Operating Temp.  Operating Humidity  Power Consumption  Approx. DC 6mA.  Dimension  Main instrument  205 x 68 x 29 mm (8.07x2.7x1.1 inch).  Main instrument  205 x 68 x 29 mm (8.07x2.7x1.1 inch).  Main instrument  205 x 68 x 29 mm (8.07x2.7x1.1 inch).  Sound probe  170.5 x 24.5 x 19 mm (6.7x1.0x0.7 inch).  Height  AC output and the probable in the probable in the probable inder in the probable in the probable in the probable in the probab						
250 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 1 kHz - ± 1.4 dB 2 kHz - ± 2.6 dB, 4 kHz - ± 3.6 dB, 4 kHz - ± 5.6 dB	250 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 1 kHz - ± 1.4 dB 2 kHz - ± 2.6 dB, 4 kHz - ± 3.6 dB, 8 kHz - ± 5.6 dB Characteristics of A & C.  Frequency Weighting Network  Reighting - The characteristic is simulated as "Human Ear Listing" response. Typical, making the environmental sound level measurement, always select to A weighting.  C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz.  Calibrator  B & K (Bruel & Kjaer), multi-fuction acoustic calibrator, model : 4226.  Electric condenser microphone.  1/2 inch standard size.  Auto range : 30 to 130 dB.  Manual range : 3 to 130 dB.  Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step. over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  "Frast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require  Output Signal  Output terminal  Terminal 1 : RS232 computer interface terminal.  Terminal 1 : AC output terminal.  Terminal 1 : AC output terminal.  Terminal 2 : AC output terminal.  * Terminal 3 : AC output terminal.  Terminal 4 : AC 0.5 Vrms corresponding to each range step.  Output terminal  Output ferminal  Oof to 50 °C (32°F to 122°F).  Operating Temp.	(23 ± 3 C)					
Characteristics of A & C.	Characteristics of A & C.		31.5 HZ - ± 3 GB, 03 HZ - ± 2.5 GB, 125 HZ - ± 2.0 GB				
Characteristics of A & C. A weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, making the environmental sound level measurement, always select to A weighting.  C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz. Calibrator  B & K (Bruel & Kjaerr), multi-fuction acoustic calibrator, model : 4226. Electric condenser microphone. Size of microphone  Flectric condenser microphone. 1/2 inch standard size.  Auto range : 30 to 130 dB. Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms, slow in the weighting.  "Fast" arnge is sasy to get the average values of vibration sound level.  "The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requiren  Output Signal  Output terminal  Terminal 1 : R5232 computer interface terminal.  Terminal 2 : AC output terminal.  "Terminal 2 : AC output terminal.  "Terminal 3 : AC output terminal.  "Terminal 2 : AC output terminal.  "Terminal 3 : AC output terminal.  "Terminal 3 : AC output terminal.  "Terminal 5 : AC output terminal.  "Terminal 5 : AC output terminal.  "Terminal 5 : AC output terminal.  "Terminal 6 : AC output terminal.  "Terminal 7 : AC output terminal.  "Terminal 8 : AC output terminal.  "Terminal 9 : AC output terminal.  "Ter	Characteristics of A & C.  A weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, making the environmental sound level measurement, always select to A weighting.  C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz. Calibrator  B & K (Bruel & Kjaer), multi-fuction acoustic calibrator, model : 4226.  Electric condenser microphone.  1/2 inch standard size.  Range selector  Auto range : 30 to 130 dB.  Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  "Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  "The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require output signal  Output terminal  Terminal 1 : R5232 computer interface terminal.  Terminal 2 : AC output terminal.  "Terminal 3 : AC output terminal.  "Terminal 1 : R5232 computer interface terminal.  Terminal 3 : AC output terminal.  "Terminal 3 : AC output terminal.  "Terminal 4 : AC output terminal.  "Terminal 5 : AC output terminal.  "Terminal 5 : AC output terminal.  "Terminal 5 : AC output terminal.  "Terminal 6 : AC output terminal.  "Terminal 7 : AC output terminal.  "Terminal 8 : AC output terminal.  "Terminal 9 : AC output terminal.  "Terminal 1 : AC output terminal.  "Terminal 1 : AC output terminal.  "Terminal 5 : AC output terminal.  "Terminal 5 : AC output terminal.  "Terminal 6 : AC output terminal.  "Terminal 7 : AC output terminal.  "Terminal 8 : AC output terminal.  "Terminal 9 : AC						
Frequency Weighting Network  Weighting Network  Weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, making the environmental sound level measurement, always select to A weighting.  C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz.  Calibrator  B & K (Bruel & Kjaer), multi-fuction acoustic calibrator, model : 4226.  Electric condenser microphone.  Size of microphone  I/2 inch standard size.  Auto range : 30 to 130 dB.  Manual range : 3 to 130 dB.  Manual range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  "The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requiren  Output Signal  Output terminal  "Terminal 1 : RS232 output.  Output impedance - 600 ohm.  "RS232 output.  Calibration VR  Operating Temp.  O 'C to 50 'C (32°F to 122°F).  Operating Temp.  O 'C to 50 'C (32°F to 122°F).  Operating Temp.  O 'C to 50 'C (32°F to 122°F).  Operating Humidity  Power Supply  OMSP DC 9V battery ( Alkaline or heavy duty type ).  Approx. DC 6mA.  Main instrument 205 x 68 x 29 mm (8.07x2.7x1.1 inch).  Sound probe  Weight  Standard Accessories  Standard Accessories  Sound Calibrator, model : SC-941 ( 94 dB ). SC-942 ( 94dB, 114 dB ).  Carrying case : CA-06	Frequency Weighting Network Weighting Process Weighting Network  A weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, making the environmental sound level measurement, always select to A weighting.  C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz.  Galibrator B & K (Bruel & Kjaer), multi-fuction acoustic calibrator, model : 4226.  Electric condenser microphone.  Size of microphone Size of microphone I/2 inch standard size. Auto range : 30 to 130 dB. Manual range : 31 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms, "Fast" range is simulated the human ear response time weighting. "Slow" range is easy to get the average values of vibration sound level.  The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require output terminal  Terminal 1: RS232 output.  Output terminal  Terminal 1: RS232 computer interface terminal.  Terminal 2: AC output terminal.  * Terminal socket size : 3.5 mm dia. phone socket.  Calibration VR  Operating Temp.  OPERATION OF OF DE VIDENTIFY (Alkaline or heavy duty type).  OPERATION OF OF DE VIDENTIFY (Alkaline or heavy duty type).  Power Supply  OPERATION OF OF OF Supple OF OF OF Supple OF						
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Weighting. C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency 31.5 Hz to 8,000 Hz. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  Microphone Electric condenser microphone.  Size of microphone 1/2 inch standard size.  Range selector Auto range: 30 to 130 dB. Manual range: 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms, "Fast" range is simulated the human ear response time weighting. "Slow" range is easy to get the average values of vibration sound level.  The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requiren  Output Signal AC output - AC 0.5 Vrms corresponding to each range step. Output terminal Terminal 1: RS232 computer interface terminal.  Terminal 2: AC output terminal.  * Terminal 3: AC output terminal.  Terminal 4: AC output terminal.  Terminal 5: AC output terminal.  Terminal 6: AC output terminal.  Terminal 7: AC output terminal.  Terminal 8: AC output terminal.  Terminal 9: AC output terminal.  Ter	weighting. C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz.  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model : 4226.  Electric condenser microphone.  Size of microphone  I/2 inch standard size.  Auto range : 30 to 130 dB.  Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  "Slow" range is easy to get the average values of vibration sound level.  "The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require  Output Signal  Output terminal  Terminal 1 : RS232 cumputer interface terminal.  Terminal 2 : AC output terminal.  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  Terminal 2 : AC output terminal.  Terminal 3 : AC output terminal.  Terminal 4 : Coutput terminal.  Terminal 5 : AC output terminal.  Terminal 6 : AC output terminal.  Terminal 7 : Coutput terminal.  Terminal 8 : AC output terminal.  Terminal 9 : AC output terminal.  Terminal 1 : RS232 computer interface terminal.  Terminal 9 : AC output terminal.  Terminal 9 : AC output terminal.  Terminal 9 : AC output terminal.  Terminal 1 : RS232 computer interface terminal.  Terminal 9 : AC output terminal.  Te						
C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz.  Calibrator  B & K (Bruel & Kjaer), multi-fuction acoustic calibrator, model: 4226.  Electric condenser microphone.  Size of microphone  Size of microphone  Range selector  Range selector  Auto range: 30 to 130 dB.  Manual range: 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  "Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requiren  Output Signal  * AC output - AC 0.5 Vrms corresponding to each range step.  Output terminal  Terminal 1: RS232 computer interface terminal.  Terminal 2: AC output terminal.  * Terminal socket size: 3.5 mm dia. phone socket.  Calibration VR  Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp.  O □ to 50 □ (32 Ts to 122 Ts).  Operating Humidity  Power Supply  OPOWER Supply  OPOWER Consumption  Main instrument  205 x 68 x 29 mm (8.07x2.7x1.1 inch).  Sound probe  170.5 x 24.5 x 19 mm (6.7x1.0x0.7 inch).  Weight  Standard Accessories  Instruction manual  1 PC.  Separate sound probe  170.5 x 24.5 x 19 mm (6.7x1.0x0.7 inch).  Probe holder	C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz.  Calibrator  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  Electric condenser microphone.  Size of microphone  Size of microphone  I/2 inch standard size.  Range selector  Manual range: 30 to 130 dB.  Manual range: 30 to 130 dB.  Manual range: 31 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  ""Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require  Output Signal  * AC output - AC 0.5 Vrms corresponding to each range step.  Output terminal  Terminal 1: RS232 computer interface terminal.  Terminal 2: AC output terminal.  * Terminal 3 cs. AC output terminal.  * Terminal socket size: 3.5 mm dia. phone socket.  Calibration VR  Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp.  O C to 50 C (32 to 122	Weighting Network	making the environmental sound level measurement, always select to A				
checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz.  Calibrator  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  Electric condenser microphone.  Size of microphone  1/2 inch standard size.  Range selector  Auto range: 30 to 130 dB.  Manual range: 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  "Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requiren  Output Signal  Output impedance - 600 ohm.  * RS232 output.  Output terminal  Terminal 1: RS232 computer interface terminal.  * Terminal 2: AC output terminal.  * Terminal 3: AC output terminal.  * Terminal 3: AC output terminal.  * Terminal 5: C output terminal.  * Terminal 6: C output terminal.  * Terminal 6: C output terminal.  * Terminal 7: C output terminal.  * Terminal 6: C output terminal.  * Terminal 7: C output terminal.  * Terminal 8: C output terminal.  * Terminal 6: C output terminal.  * Terminal 6: C output terminal.  * Terminal 7: C output terminal.  * Terminal 6: C output terminal.  * Terminal 7: C output terminal.  * Terminal 6: C output terminal.  * Terminal 7: C output terminal.  * Terminal 7: C output terminal.  * Terminal 6: C output terminal.  * Terminal 7: C output terminal.  * Terminal 8: C output terminal.  *	checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz.  Calibrator B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  Bize of microphone Bizectric condenser microphone.  1/2 inch standard size.  Range selector Auto range: 30 to 130 dB. Manual range: 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  "Slow" range is easy to get the average values of vibration sound level.  "The "Fast" a "Slow" time weighting range are designed to IEC 61672 class 2 require Output Signal  Output Signal  Output terminal  Terminal 1: RS232 computer interface terminal.  Terminal 2: AC output terminal.  "Terminal 1: RS232 computer interface terminal.  "Terminal 2: AC output terminal.  "Terminal 3: AC output terminal.  "Terminal 3: AC output terminal.  "Terminal 4: AC output terminal.  "Terminal 5: AC output terminal.  "Terminal 5: AC output terminal.  "Terminal 6: AC output terminal.  "Terminal 7: AC output terminal.  "Terminal 8: AC output terminal.  "Terminal 9: AC output terminal.  "Terminal 1: RS232 computer interface terminal.  Terminal 1: AC output terminal.  "Terminal 2: AC output terminal.  "Terminal 2: AC output terminal.  "Terminal 2: AC output terminal.  "Terminal 3: AC output terminal.  "Terminal 1: AC output terminal.  "Terminal 2: AC output terminal.  "Terminal 1: AC output terminal.  "Terminal 2: AC output terminal.  "Terminal 2:		weighting.				
checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz.  Calibrator  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  Electric condenser microphone.  Size of microphone  1/2 inch standard size.  Range selector  Auto range: 30 to 130 dB.  Manual range: 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  "Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requiren  Output Signal  Output impedance - 600 ohm.  * RS232 output.  Output terminal  Terminal 1: RS232 computer interface terminal.  * Terminal 2: AC output terminal.  * Terminal 3: AC output terminal.  * Terminal 3: AC output terminal.  * Terminal 5: C output terminal.  * Terminal 6: C output terminal.  * Terminal 6: C output terminal.  * Terminal 7: C output terminal.  * Terminal 6: C output terminal.  * Terminal 7: C output terminal.  * Terminal 8: C output terminal.  * Terminal 6: C output terminal.  * Terminal 6: C output terminal.  * Terminal 7: C output terminal.  * Terminal 6: C output terminal.  * Terminal 7: C output terminal.  * Terminal 6: C output terminal.  * Terminal 7: C output terminal.  * Terminal 7: C output terminal.  * Terminal 6: C output terminal.  * Terminal 7: C output terminal.  * Terminal 8: C output terminal.  *	checking the noise of machinery (Q.C. check) & knowing the sound pressure level of the tested equipment.  Frequency  31.5 Hz to 8,000 Hz.  Calibrator B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  Bize of microphone Bizectric condenser microphone.  1/2 inch standard size.  Range selector Auto range: 30 to 130 dB. Manual range: 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  "Slow" range is easy to get the average values of vibration sound level.  "The "Fast" a "Slow" time weighting range are designed to IEC 61672 class 2 require Output Signal  Output Signal  Output terminal  Terminal 1: RS232 computer interface terminal.  Terminal 2: AC output terminal.  "Terminal 1: RS232 computer interface terminal.  "Terminal 2: AC output terminal.  "Terminal 3: AC output terminal.  "Terminal 3: AC output terminal.  "Terminal 4: AC output terminal.  "Terminal 5: AC output terminal.  "Terminal 5: AC output terminal.  "Terminal 6: AC output terminal.  "Terminal 7: AC output terminal.  "Terminal 8: AC output terminal.  "Terminal 9: AC output terminal.  "Terminal 1: RS232 computer interface terminal.  Terminal 1: AC output terminal.  "Terminal 2: AC output terminal.  "Terminal 2: AC output terminal.  "Terminal 2: AC output terminal.  "Terminal 3: AC output terminal.  "Terminal 1: AC output terminal.  "Terminal 2: AC output terminal.  "Terminal 1: AC output terminal.  "Terminal 2: AC output terminal.  "Terminal 2:		C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for				
pressure level of the tested equipment.  Frequency 31.5 Hz to 8,000 Hz.  Galibrator B & K (Bruel & Kjaer), multi-fuction acoustic calibrator, model : 4226.  Microphone Electric condenser microphone.  1/2 Inch standard size.  Auto range : 30 to 130 dB.  Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  Time Weighting (Fast & Slow) "Slow" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  * The "Fast" vange is easy to get the average values of vibration sound level.  * The "Fast" ange is easy to get the average values of vibration sound level.  * The "Fast" ange is easy to get the average values of vibration sound level.  * The "Fast" ange is easy to get the average values of vibration sound level.  * The "Fast" ange is easy to get the average values of vibration sound level.  * The "Fast" ange is easy to get the average values of vibration sound level.  * The "Fast" ange is easy to get the average values of vibration sound level.  * The "Fast" ange is easy to get the average values of vibration sound level.  * The "Fast" ange is easy to get the average values of vibration sound level.  * The "Fast" ange is easy to get the average values of vibration sound level.  * The "Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  * The "Fast" range is easy to get the average values of vibration sound level.  * The "Fast" range is easy to get the average values of vibration sound level.  * The "Fast" range is easy to get the average values of vibration sound level.  * The "Fast" range is easy to get the average values of vibration sound level.  * The "Fast" range is easy to get the average values of vibration sound level.  * The "Fast" range is easy to get the average values of vibration sound level.  * The "Fast" range is easy to get the average value	pressure level of the tested equipment.  Frequency 31.5 Hz to 8,000 Hz.  Calibrator B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model : 4226.  Microphone Electric condenser microphone.  1/2 inch standard size.  Auto range : 30 to 130 dB.  Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  Time Weighting (Fast & Slow) "Slow" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  "The "Fast" as "Slow" time weighting range are designed to IEC 61672 class 2 required to the human ear response time weighting.  "AC output - AC 0.5 Vrms corresponding to each range step.  Output signal "AC output - AC 0.5 Vrms corresponding to each range step.  Output terminal Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  "Terminal 2 : AC output terminal.  "Terminal 3 socket size : 3.5 mm dia. phone socket.  Calibration VR Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp.  Operating Temp.  Operating Humidity Less than 80% RH.  Power Supply OBOP DC 9V battery ( Alkaline or heavy duty type ).  Power Consumption Approx. DC 6mA.  Dimension Main instrument 205 x 68 x 29 mm (8.07x2.7x1.1 inch).  Sound probe 170.5 x 24.5 x 19 mm (6.7x1.0x0.7 inch).  Weight 405 g/0.89 LB (including probe).  Standard Accessories Instruction manual 100.  Terminal 100.  Separate sound probe 100.  Optional 1 PC.  Probe holder						
Frequency Calibrator B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  B & K (Bruel & kjaer), multi-fuction acoustic calibration, model: 4226.  B & K (Bruel & kjaer), multi-fuction acoustic calibration, model: 4226.  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  B & K (Bruel & kjaer), multi-fuction acoustic calibrator of 130 dB, 50 dB on each step, over & under range indicating.  B & K (Bruel & kjaer), multi-fuction sound level.  Taminal acoust is a subject to a subject of 130 dB, 50 dB on each step, over & under range indicating.  B & C alobration sound level.  Taminal sound range is assy to get the average values of vibration sound level.  The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requirent output impedance - 600 ohm.  * RS232 output.  Terminal 1: RS232 computer interface terminal.  Terminal 1: RS232 computer interface terminal.  Terminal 2: AC output terminal.  * Terminal 3: RS232 computer interface terminal.  Terminal 2: AC output terminal.  * Terminal 3: AC output terminal.  * Terminal 3: AC output terminal.  * Terminal 3: AC output terminal.  * Terminal 4: AC output terminal.  * Terminal 5: AC output terminal.  * Terminal 6: AC output terminal.  * Terminal 6: AC output terminal.  * Terminal 7: AC output terminal.  * Terminal 8: AC output terminal.  * Terminal 8: AC output terminal.  * Terminal 9: AC output terminal.  * Terminal 9: AC output terminal.  * Termin	Frequency Calibrator B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226. B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 425, acoustic calibrator, model: 425, acoustic calibrator, model: 425, acoustic calibrator, model: 425, acoustic calibrator, model: 426, acoustic calibrator, model: 426, acoustic calibr						
Calibrator  B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model: 4226.  Microphone  Electric condenser microphone.  1/2 inch standard size.  Range selector  Auto range: 30 to 130 dB.  Manual range: 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  Time Weighting  (Fast & Slow)  "Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requiren  Output Signal  * AC output - AC 0.5 Vrms corresponding to each range step.  Output impedance - 600 ohm.  * RS232 output.  Output terminal  Terminal 1: RS232 computer interface terminal.  Terminal 2: AC output terminal.  * Terminal 3: AC output terminal.  * Terminal 3: AC output terminal.  * Terminal 4: AC output terminal.  * Terminal 5: AC output terminal.  * Terminal 6: AC output terminal.  * Terminal 7: Terminal 8: AC output terminal.  Terminal 8: AC output terminal.  * Terminal 8: AC output terminal.  * Terminal 9: AC	Calibrator B & K (Bruel & Kjaer), multi-fuction acoustic calibrator, model: 4226.  Microphone Electric condenser microphone.  Size of microphone 1/2 inch standard size.  Range selector Auto range: 30 to 130 dB.  Manual range: 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step over & under range indicating.  Fast - t= 200 ms, Slow - t = 500 ms,  Fast - t= 200 ms, Slow - t = 500 ms,  "Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  "The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require  Output Signal *AC output - AC 0.5 Vrms corresponding to each range step.  Output impedance - 600 ohm.  * RS232 output.  Output terminal 1: RS232 computer interface terminal.  Terminal 2: AC output terminal.  * Terminal 3: AS 5 mm dia. phone socket.  Calibration VR  Operating Temp.  Operating Temp.  Operating Temp.  Operating Humidity  Less than 80% RH.  Power Supply  OoSP DC 9V battery (Alkaline or heavy duty type ).  Power Consumption  Approx. DC 6mA.  Dimension Main instrument 205 x 68 x 29 mm (8.07x2.7x1.1 inch).  Sound probe 170.5 x 24.5 x 19 mm (6.7x1.0x0.7 inch).  Weight 405 g/0.89 LB (including probe).  Standard Accessories Instruction manual	Frequency					
Microphone   Electric condenser microphone.   1/2 inch standard size.   Auto range : 30 to 130 dB.   Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.   Fast - t = 200 ms, Slow - t = 500 ms,	Microphone   Electric condenser microphone.   1/2 inch standard size.   Auto range : 30 to 130 dB.   Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step.   over & under range indicating.   Fast - t = 200 ms, Slow - t = 500 ms,   "Fast" range is simulated the human ear response time weighting.   "Slow" range is easy to get the average values of vibration sound level.   The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require   Output Signal   AC output - AC 0.5 Vrms corresponding to each range step.   Output impedance - 600 ohm.   RS232 output.   Terminal 1 : RS232 computer interface terminal.   Terminal 2 : AC output terminal.   * Terminal 3 socket size : 3.5 mm dia. phone socket.   Calibration VR   Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.   Operating Temp.   O "C to 50 "C (32"F to 122"F).   Operating Humidity   Less than 80% RH.   Power Supply   O06F DC 9V battery (Alkaline or heavy duty type ).   Power Consumption   Approx. DC 6mA.   Dimension   Main instrument   205 x 68 x 29 mm (8.07x2.7x1.1 inch).   Sound probe   170.5 x 24.5 x 19 mm (6.7x1.0x0.7 inch).   Separate sound probe.   170.5 x 24.5 x 19 mm (6.7x1.0x0.7 inch).   Separate sound probe.   1 PC.   Separate sound probe.   1 PC.   Probe holder						
Size of microphone Range selector Range selector Auto range: 30 to 130 dB. Manual range: 30 to 130 dB. Manual range: 30 to 130 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms, "Fast" range is simulated the human ear response time weighting. "Slow" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requiren Output Signal  * AC output - AC 0.5 Vrms corresponding to each range step. Output impedance - 600 ohm.  * RS232 output.  Output terminal  Terminal 1: RS232 computer interface terminal. Terminal 2: AC output terminal.  * Terminal 3 cocket size: 3.5 mm dia. phone socket.  Calibration VR  Operating Temp.  Operating Temp. Operating Humidity Less than 80% RH.  Power Supply O06P DC 9V battery ( Alkaline or heavy duty type ).  Power Consumption  Approx. DC 6mA.  Dimension  Main instrument Sound probe 170.5 x 24.5 x 19 mm (6.7x1.0x0.7 inch ).  Separate sound probe	Size of microphone Range selector Range selector Range selector Auto range : 30 to 130 dB. Manual range : 30 to 130 dB, Manual range : 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,						
Range selector  Auto range : 30 to 130 dB.  Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  "Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requiren  Ac output Signal  Ac output - AC 0.5 Vrms corresponding to each range step.  Output impedance - 600 ohm.  RS232 output.  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  Terminal 3 : AC output terminal.  * Terminal socket size : 3.5 mm dia. phone socket.  Calibration VR  Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp.  Operating Humidity  Dess than 80% RH.  Power Supply  O06P DC 9V battery ( Alkaline or heavy duty type ).  Approx. DC 6mA.  Dimension  Main instrument  205 x 68 x 29 mm ( 8.07x2.7x1.1 inch ).  Sound probe  170.5 x 24.5 x 19 mm ( 6.7x1.0x0.7 inch ).  Weight  405 g/0.89 LB ( including probe ).  Standard Accessories Instruction manual	Range selector  Auto range : 30 to 130 dB.  Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  "Fast" range is simulated the human ear response time weighting. "Slow" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require Output Signal  * AC output - AC 0.5 Vrms corresponding to each range step. Output impedance - 600 ohm.  * RS232 output.  Output terminal  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  * Terminal socket size : 3.5 mm dia. phone socket.  Calibration VR  Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp.  Operating Humidity  Less than 80% RH.  Power Supply  O06P DC 9V battery ( Alkaline or heavy duty type ).  Power Consumption  Approx. DC 6mA.  Dimension  Main instrument  205 x 68 x 29 mm (8.07x2.7x1.1 inch).  Sound probe  170.5 x 24.5 x 19 mm (6.7x1.0x0.7 inch).  Weight  405 g/0.89 LB ( including probe ).  Standard Accessories  Instruction manual  Bound Calibrator, model : SC-941 ( 94 dB ). SC-942 ( 94dB, 114 dB ).  Carrying case : CA-06						
Manual range : 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  Fast - t = 200 ms, Slow - t = 500 ms,  "Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requiren  * AC output - AC 0.5 Vrms corresponding to each range step.  Output impedance - 600 ohm.  * RS232 output.  Output terminal 1 : RS232 computer interface terminal.  Terminal 1 : RS232 computer interface terminal.  * Terminal socket size : 3.5 mm dia. phone socket.  Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp.  Operating Humidity  Less than 80% RH.  Power Supply  Power Consumption  Approx. DC 6mA.  Dimension  Main instrument    205 x 68 x 29 mm (8.07x2.7x1.1 inch).   Sound probe   170.5 x 24.5 x 19 mm (6.7x1.0x0.7 inch).  Weight  405 g/0.89 LB (including probe).  Standard Accessories  Instruction manual   1 PC.  Separate sound probe	Manual range: 3 range, 30 to 80 dB, 50 to 100 dB, 80 to 130 dB, 50 dB on each step, over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  Fast - t = 200 ms, Slow - t = 500 ms,  "Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require  Output Signal  * AC output - AC 0.5 Vrms corresponding to each range step.  Output impedance - 600 ohm.  * RS232 output.  Output terminal  Terminal 1: RS232 computer interface terminal.  Terminal 2: AC output terminal.  * Terminal socket size: 3.5 mm dia. phone socket.  Calibration VR  Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp.  Operating Humidity  Less than 80% RH.  Power Supply  O06P DC 9V battery ( Alkaline or heavy duty type ).  Approx. DC 6mA.  Dimension  Main instrument  Sound probe  170.5 x 24.5 x 19 mm ( 6.7x1.0x0.7 inch ).  Weight  405 g/0.89 LB ( including probe ).  Standard Accessories  Instruction manual  Separate sound probe						
Over & under range indicating.  Fast - t= 200 ms, Slow - t = 500 ms,  "Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requiren  Output Signal  * AC output - AC 0.5 Vrms corresponding to each range step.  Output impedance - 600 ohm.  * RS232 output.  Output terminal  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  * Terminal 3 : AC output terminal.  Terminal 2 : AC output terminal.  * Terminal 3 : AC output terminal.  Terminal 2 : AC output terminal.  * Terminal 3 : AC output terminal.  Terminal 4 : RS232 computer interface terminal.  Terminal 5 : AC output terminal.  Terminal 6 : AC output terminal.  Terminal 7 : AC output terminal.  Terminal 8 : AC output terminal.  Terminal 9 : AC output terminal.  Terminal 1 : RS232 computer interface terminal.  Terminal 1 : AC output terminal.  Terminal 2 : AC output terminal.  * Terminal 2 : AC output terminal.  Terminal 2 : AC output terminal.  * Termina	over & under range indicating.  Fast - t = 200 ms, Slow - t = 500 ms,  "Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require  Output Signal  * AC output - AC 0.5 Vrms corresponding to each range step.  Output impedance - 600 ohm.  * RS232 output.  Output terminal  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  * Terminal socket size : 3.5 mm dia. phone socket.  Calibration VR  Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp.  O to 50 to 32 to 122	Trange Scieccoi		ith			
Fast - t = 200 ms, Slow - t = 500 ms,	Fast - t = 200 ms, Slow - t = 500 ms,  "Fast" range is simulated the human ear response time weighting.  "Slow" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require  * AC output - AC 0.5 Vrms corresponding to each range step.  Output impedance - 600 ohm.  * RS232 output.  Output terminal  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  * Terminal 3 socket size : 3.5 mm dia. phone socket.  Calibration VR  Derating Temp.  O **© to 50 **© (32*F to 122*F ).  Operating Humidity  Less than 80% RH.  Power Supply  Power Consumption  Approx. DC 6mA.  Dimension  Main instrument  Sound probe  170.5 x 24.5 x 19 mm (6.7x1.0x0.7 inch).  Weight  Standard Accessories Instruction manual  Sound Calibrator, model : SC-941 ( 94 dB ). SC-942 ( 94dB, 114 dB ).  Carrying case : CA-06						
Time Weighting (Fast & Slow)	##Fast" range is simulated the human ear response time weighting.  ##Fast" slow is easy to get the average values of vibration sound level.  ### The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require  ### AC output & C 0.5 Vrms corresponding to each range step.  Output impedance - 600 ohm.  ### RS232 output.  Output terminal  ### Terminal 1 : RS232 computer interface terminal.  ### Terminal 2 : AC output terminal.  ### Terminal socket size : 3.5 mm dia. phone socket.  Calibration VR  Dierating Temp.  O C to 50 C (32°F to 122°F).  Operating Humidity  Less than 80% RH.  Power Supply  Power Supply  OoF DC 9V battery ( Alkaline or heavy duty type ).  Power Consumption  Dimension  #### Main instrument						
"Slow" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requiren  * AC output - AC 0.5 Vrms corresponding to each range step.  Output impedance - 600 ohm.  * RS232 output.  Output terminal  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  * Terminal socket size : 3.5 mm dia. phone socket.  Calibration VR  Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp.  O ™ to 50 ™ (32™ to 122™ ).  Operating Humidity  Power Supply  O06P DC 9V battery (Alkaline or heavy duty type ).  Power Consumption  Dimension  Main instrument  205 x 68 x 29 mm (8.07x2.7x1.1 inch ).  Sound probe  170.5 x 24.5 x 19 mm (6.7x1.0x0.7 inch ).  Weight  405 g/0.89 LB (including probe ).  Standard Accessories  Instruction manual	"Slow" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require  * AC output - AC 0.5 Vrms corresponding to each range step. Output impedance - 600 ohm.  * RS232 output.  Output terminal	Time Weighting	* "Fast" range is simulated the human ear response time weighting				
* The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 requiren  Output Signal  * AC output - AC 0.5 Vrms corresponding to each range step. Output impedance - 600 ohm.  * RS232 output.  Output terminal 1: RS232 computer interface terminal. Terminal 2: AC output terminal.  * Terminal socket size: 3.5 mm dia. phone socket.  Calibration VR  Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp. O °C to 50 °C (32°F to 122°F).  Operating Humidity Power Supply O06P DC 9V battery (Alkaline or heavy duty type).  Power Consumption Dimension  Main instrument Sound probe 170.5 x 24.5 x 19 mm (6.7x1.0x0.7 inch).  Weight 405 g/0.89 LB (including probe).  Standard Accessories Instruction manual Separate sound probe. 1 PC. Probe holder. 1 PC.  Optional  Sound Calibrator, model: SC-941 (94 dB). SC-942 (94dB, 114 dB). Carrying case: CA-06	* The "Fast" & "Slow" time weighting range are designed to IEC 61672 class 2 require  Output Signal  * AC output - AC 0.5 Vrms corresponding to each range step. Output impedance - 600 ohm.  * RS232 output.  Output terminal 1: RS232 computer interface terminal. Terminal 2: AC output terminal.  * Terminal 3: AC output terminal.  * Terminal 5: AC output terminal.  * Terminal 6: Terminal 6: Terminal 7: Terminal 8:		"Slow" range is easy to get the average values of vibration sound level				
Output Signal  * AC output - AC 0.5 Vrms corresponding to each range step. Output impedance - 600 ohm.  * RS232 output.  Output terminal  Terminal 1 : RS232 computer interface terminal. Terminal 2 : AC output terminal.  * Terminal socket size : 3.5 mm dia. phone socket.  Calibration VR  Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp.  O **C to 50 **C (32*F to 122*F).  Operating Humidity  Less than 80% RH.  Power Supply  O06P DC 9V battery ( Alkaline or heavy duty type ).  Power Consumption  Approx. DC 6mA.  Dimension  Main instrument  Sound probe  170.5 x 24.5 x 19 mm (6.7x1.0x0.7 inch).  Weight  405 g/0.89 LB ( including probe ).  Standard Accessories  Instruction manual  Separate sound probe	Output Signal       * AC output - AC 0.5 Vrms corresponding to each range step.         Output impedance - 600 ohm.	(1 doc de olovi)		ant			
Output impedance - 600 ohm.  * RS232 output.  Output terminal  Terminal 1 : RS232 computer interface terminal.  * Terminal 2 : AC output terminal.  * Terminal socket size : 3.5 mm dia. phone socket.  Calibration VR  Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp.  O °C to 50 °C ( 32°F to 122°F ).  Operating Humidity  Less than 80% RH.  Power Supply  O06P DC 9V battery ( Alkaline or heavy duty type ).  Power Consumption  Approx. DC 6mA.  Dimension  Main instrument  Sound probe  170.5 x 24.5 x 19 mm ( 6.7x1.0x0.7 inch ).  Weight  405 g/0.89 LB ( including probe ).  Standard Accessories  Instruction manual	Output impedance - 600 ohm.  * RS232 output.  Output terminal  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  * Terminal socket size : 3.5 mm dia. phone socket.  Calibration VR  Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp.  Operating Humidity  Less than 80% RH.  Power Supply  O06P DC 9V battery ( Alkaline or heavy duty type ).  Power Consumption  Approx. DC 6mA.  Dimension  Main instrument  205 x 68 x 29 mm ( 8.07x2.7x1.1 inch ).  Sound probe  170.5 x 24.5 x 19 mm ( 6.7x1.0x0.7 inch ).  Weight  405 g/0.89 LB ( including probe ).  Standard Accessories  Instruction manual 1 PC.  Separate sound probe	Output Signal		Si ic.			
* RS232 output.  Output terminal  Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  * Terminal socket size : 3.5 mm dia. phone socket.  Calibration VR  Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp.  O °C to 50 °C ( 32°F to 122°F ).  Operating Humidity  Less than 80% RH.  Power Supply  O06P DC 9V battery ( Alkaline or heavy duty type ).  Power Consumption  Approx. DC 6mA.  Dimension  Main instrument  205 x 68 x 29 mm ( 8.07x2.7x1.1 inch ).  Sound probe  170.5 x 24.5 x 19 mm ( 6.7x1.0x0.7 inch ).  Weight  405 g/0.89 LB ( including probe ).  Standard Accessories  Instruction manual	* RS232 output.  Output terminal Terminal 1 : RS232 computer interface terminal.  Terminal 2 : AC output terminal.  * Terminal socket size : 3.5 mm dia. phone socket.  Calibration VR Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp. 0 °C to 50 °C (32°F to 122°F).  Operating Humidity Less than 80% RH.  Power Supply 006P DC 9V battery ( Alkaline or heavy duty type ).  Power Consumption Approx. DC 6mA.  Dimension Main instrument 205 x 68 x 29 mm ( 8.07x2.7x1.1 inch ).  Sound probe 170.5 x 24.5 x 19 mm ( 6.7x1.0x0.7 inch ).  Weight 405 g/0.89 LB ( including probe ).  Standard Accessories Instruction manual 1 PC.  Separate sound probe 1 PC.  Probe holder	Output Signal					
Output terminal  Terminal 1: RS232 computer interface terminal.  * Terminal 2: AC output terminal.  * Terminal socket size: 3.5 mm dia. phone socket.  Calibration VR  Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp.  O ℃ to 50 ℃ ( 32°F to 122°F ).  Operating Humidity  Less than 80% RH.  Power Supply  O06P DC 9V battery ( Alkaline or heavy duty type ).  Power Consumption  Approx. DC 6mA.  Dimension  Main instrument  Sound probe  170.5 x 24.5 x 19 mm ( 6.7x1.0x0.7 inch ).  Weight  405 g/0.89 LB ( including probe ).  Standard Accessories  Instruction manual  Separate sound probe	Output terminal  Terminal 1: RS232 computer interface terminal.  * Terminal 2: AC output terminal.  * Terminal socket size: 3.5 mm dia. phone socket.  Calibration VR  Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.  Operating Temp.  O °C to 50 °C ( 32°F to 122°F ).  Operating Humidity  Less than 80% RH.  Power Supply  O06P DC 9V battery ( Alkaline or heavy duty type ).  Power Consumption  Approx. DC 6mA.  Dimension  Main instrument  205 x 68 x 29 mm ( 8.07x2.7x1.1 inch ).  Sound probe  170.5 x 24.5 x 19 mm ( 6.7x1.0x0.7 inch ).  Weight  405 g/0.89 LB ( including probe ).  Standard Accessories  Instruction manual						
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Standard Accessories   Instruction manual	Standard Accessories   Instruction manual	Weight	40F = /0 00 LD / including muchs \				
Separate sound probe	Separate sound probe	Standard Accessories	Instruction manual 1 DC	—			
Optional Probe holder	Probe holder	Standard Accessories	Separate sound probe 1 PC				
Carrying case : CA-06	Carrying case : CA-06	' <sub>1</sub>					
Carrying case : CA-06	Carrying case : CA-06		Probe noider				
Carrying case : CA-06	Carrying case : CA-06	Optional	Sound Calibrator, model : SC-941 ( 94 dB ). SC-942 ( 94dB, 114 dB ).				
I III. III. III. III. III. III. III. I			RS232 cable, Model: UPCB-02				
USB cable, Model : USB-01							
Application software, Model: SW-U801-WIN  * Appearance and specifications listed in this brochure are subject to change without notice.  0711-SL40							

<sup>\*</sup> Appearance and specifications listed in this brochure are subject to change without notice.

Frequency and time weighting meet IEC 61672, Class 1

# SOUND LEVEL METER

Model: SL-4022 ISO-9001, CE, IEC1010





The Art of Measurement

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### **DIGITAL SOUND LEVEL METER**

Model : SL-4022

FEATURES			
* Frequency weighting and time weighting are meet	* Max. Hold function for stored the maximum value on display.		
IEC 61672 Class 1.	* Warning indicator for over and under load.		
* Large LCD display, easy to read.	* LCD display for low power consumption & clear read-out even		
* A & C weighting networks are conformity to standards.	in bright ambient light condition.		
* FAST & SLOW dynamic characteristic modes.	* Used the durable, long-lasting components, including a strong,		
* AC output for system expansion.	light weight ABS-plastic housing case.		
* Build in adj. VR, available for easy calibration.	* Compact and heavy duty housing case.		
* Condenser microphone for high accuracy & long-term stability.	* Low battery indicator.		
* Build max. hold reset switch.			

	SPECIFICATIONS				
Disalau					
Display Function	1 8 mm (0.7") LCD (Liquid Crystal Display), 3 1/2 digits.				
runction	dB (A & C frequency weighting), Time weighting (Fast, Slow),				
Management Dangs	Max. hold, Max. hold reset, AC output.				
	3 ranges ( 30 - 70 dB, 60 - 100 dB, 90 - 130 dB ),				
Resolution	0.1 dB.				
Accuracy	Frequency weighting meet IEC 61672 Class 1, calibrating input signal on 94 dB the accuracy of frequency				
(23 ± 5 °C)	weighting is specified as following:				
	31.5 Hz : ± 2.0 dB, 63 Hz : ± 1.5 dB, 125 Hz : ± 1.5 dB,				
	250 Hz: ± 1.4 dB, 500 Hz: ± 1.4 dB, 1 KHz: ± 1.1 dB,				
	2 KHz: ± 1.6 dB, 4 KHz: ± 1.6 dB, 8 KHz: + 2.1 dB to -3.1 dB,				
Frequency	Characteristics of A & C.				
Weighting Network	A weighting - The characteristic is simulated as "Human Ear Listing" response. Typical, if making				
	the environmental sound level measurement, always select to A weighting.				
	C weighting - The characteristic is near the "FLAT" response. Typical, it is suitable for checking the				
	noise of machinery (Q.C. check) & knowing the sound pressure level of the tested				
	equipment.				
Frequency	31.5 Hz to 16 KHz. * Accuracy is tested within 31.5 Hz to 8 KHz.				
Calibrator	B & K (Bruel & kjaer), multi-fuction acoustic calibrator, model : 4226.				
Microphone type	Electric condenser microphone.				
Size of Microphone	1/2 inch standard size.				
Range Selector	30 to 70 dB, 60 to 100 dB, 90 to 130 dB, 40 dB on each step,				
	with over & under range indicating.				
Time Weighting	Fast - t= 200 ms, Slow - t = 500 ms,				
Fast & Slow	* "Fast" range is simulated the human ear response time weighting.				
(F&S)	"Slow" range is easy to get the average values of vibration sound level.  * The "Fast" & "Slow" time weighting range are designed to IEC 61672 Class 1 requirement.				
Output Signal	AC output - AC 750 mVrms corresponding to each range step.				
Calibration	Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.				
	Internal oscillation system, 1 KHz sine wave generator.				
Output Terminal	3.5 mm dia. phone output terminal is provided for connection with analyzer, level recorder,				
	tape recorder.				
Operating Temp.	0 ℃ to 50 ℃ ( 32 ⊤ to 122 ⊤).				
Operating Humidity	Less than 80% RH.				
Power Supply	DC 9V battery x 2 PCs, 006P, MN1604 ( PP3 ) or equivalent, heavy duty or alkaline type.				
Power Consumption	Approx. DC 17 mA.				
Dimension	260 x 87 x 36 mm ( 10.2 x 3.4 x 1.4 inch ).				
Weight	450 g/0.99 LB				
Standard	Instruction Manual				
Accessories	Calibration screw driver				
	Carrying case				
Optional	94 dB Sound Calibrator, model : SC-941.				
Accessories	94/114 dB Sound Calibrator, model : SC-942.				
Wind shield ball, model : SB-01.					

#### SOUND LEVEL METER

Model: S-02



- CONDENSER MICROPHONE
- ANALOGUE METER

RANGE : 40 dB - 140 dB RESPON E : FAST & SLOW

A & C WEIGHT AGE

WEIGHT: SENSOR - 130 gms.

INSTRUMENT - 655 gms.
TOTAL WITH CARRY CASE - 1080 gms.

**SIZE** : CARR ASE - 225 x 195 x 85 mm

VIBRATION AND SOUND ARE TWO MOST IMPORTANT
PARAMETERS FOR MONITORING THE MACHINE HEALTH.
REGULAR LOGGING OF THESE TWO PARAMETERS
PROVIDES EARLY WARNING OF BREAKDOWN

WE ARE OFFERING PORTABLE INSTRUMENTS FOR INDIVIDUAL PARAMETERS AS WELL AS AN INTEGRATED METER.

### SOUND LEVEL METER CALIBRATOR, Model: SC-941, SC-942

SPECIFICATIONS					
Futures	Precision 94 dB/1000 Hz sound calibrator, useful to calibrate Sound Level Meter.				
Frequency	1000 Hz ± 2 %.				
Sound Pressure Level	SC-941	SC-941 94 dB: ± 0.75 dB.			
	SC-942 94 dB: ± 0.75 dB, 114 dB: ± 0.9 dB.				
Microphone Type 0.5" microphone & 1" microphone.					
Size	Round 50 mm dia. x 145 mm.				

<sup>\*</sup> Appearance and specifications listed in this brochure are subject to change without notice.

0711-SL4022











#### **FEATURES**

This instrument is compatible with several standards of **GB/T 3785,IEC 651 Type 2,ANSIS 1.4 Type 2.** It is widely used to test the sound level of environment, mechanic, vehicle, ship and other noise. Fit for industry environment protecting, working, sanitation, teaching search and other departments and aircraft noise

#### SPECIFICATIONS

Optional Accessories

Model	Metrix+ SL 4001 Metrix+ SL 4005		
Microphone	1/2 inch Electret Condenser Microphone		
Measuring Range	30~130 dBA 35~130 dBC	LP: 30~130dB (A) 35~130dB (C) 35~130 dB (F) Leq: 30-130dB LN: 0-100%	
Accuracy	±1.5dB	±1dB	
Frequency Range	31.5HZ~8.5KHZ	20 ~ 12,500Hz	
Calibration		Built in 94dB at 1kHz (sinusoidal)	
Alarm ∀alue Set		30 ~ 130dB	
Linearity Range	50dB 50dB		
Frequency Weighting	A & C A, C, & F (Flat)		
PC Interface RS 232C	V		
Data Analysis	V		
Memory	30 groups with measuring condition		
AC\DC Output	√		
Low Battery Indication	√		
Over Range Indication	√ √		
Resolution	4 digits & 0.1dB		
Time Weighting Selection	Fast / Slow		

Measuring Level Selection	√	√.	1	
Max Hold Function	√	√	1	
Sampling Frequency	2 times / sec		]	
Power	9∨ battery	1.5V "AAA" battery		
Product Net Weight	225g	170g		
Product Size	221 x 66 x 33mm	236 x 63 x 26mm		
Accessories	Main Unit Manual	Main Unit Manual & Hard carry case		

ND 9 Sound Calibrator, RS 232C PC Interface + USB + Software

ND 9 Sound Calibrator

### **ACD MAKE**

# INDUSTRIAL GRADE SOUND LEVEL METER

MODEL: S - 4000





- Electret Condenser Microphone
- Direct Digital Reading
- 30 db to 130 db Range
- 'A' Frequency Weightage
- 'Hold' to Freeze the Display Value

The determination and control of Air borne noise has been a vital problem in recent years. It is now generally appreciated that high level noise is detrimental to the normal health and efficiency of the individual, and frequently indicates a fault in the manufacture or design of a product.

Sound waves cause variations in the normal atmospheric pressure. This variation in pressure is measured in dynes per square centimeter. For convenience, a logarithmic scale of decibels is used for sound level measurements. The sound pressure level is defined as the ratio in decibels of the magnitude of the sound pressure to the standard reference sound pressure of 0.0002 dyne per square centimeter.

The Sound Level Meter provides the essential basic instrument for such investigations, since it measures, on an internationally standardized decibel scale, the value of the alternating pressure waves of the air which are caused by the sound.

ACD is making available instrument S-4000 which confirms to the requirements of 'Type 2' instrument as per IS 9779-1981.

This instrument consists of electret microphone, impedance matching circuits, high gain amplifier, attenuator, precise weighting networks and digital meter.

#### SPECIFICATION

Standard applied : IEC 651 Type2

Range : 1) Weighting: 30- 80 dB

Weighting: 50-100 dB
 Weighting: 80-130 dB

Resolution : 0.1dB

Frequency Range : 31.5Hz to 8KHz

Accuracy : +/- 2dB
Dynamic Range : 65dB
Frequency Weighting : 'A'
Time Weighting : Fast

Operating Condition : 0 °C to 40 °C < 80% R. H. Display : 18 mm LCD; 3 ½ digits

Power : One 9V battery

Size : 225x70x28mm (8.9x2.8x1.1inch)

Weight : 250g

Accessories : Instruction Manual, 9VBattery.