



# BEARING & TOOL CENTRE

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**BLUE MICRON CALIBRATION CENTRE**  
(TRACEABLE TO NPL / NABL)

**RELIEF SERVICE CENTRE**  
Removal of Jaw Error, Bore Gauge, Extension & Instrument Modifications and Spares

## Quotation

### 176 Precision Levels – Milhard Make

Size	50 x 50 x 45						
MM	0.01	0.02	0.04	0.05	0.06	0.08	0.10
Weight	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Material	CAST IRON						
Price	9900	4950	4950	4950	4950	4950	4950
Code (PBL)	101	102	104	105	106	108	110
Material	STEEL						
Price	15120	7560	7560	7560	7560	7560	7560
Code (PBL)	101	102	104	105	106	108	110

Size	100 x 50 x 45						
MM	0.01	0.02	0.04	0.05	0.06	0.08	0.10
Weight	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Material	CAST IRON						
Price	9900	4950	4950	4950	4950	4950	4950
Code (PBL)	201	202	204	205	206	208	210
Material	STEEL						
Price	15120	7560	7560	7560	7560	7560	7560
Code (PBL)	201	202	204	205	206	208	210

Size	150 x 50 x 45						
MM	0.01	0.02	0.04	0.05	0.06	0.08	0.10
Weight	1.40	1.40	1.40	1.40	1.40	1.40	1.40
Material	CAST IRON						
Price	9900	4950	4950	4950	4950	4950	4950
Code (PBL)	301	302	304	305	306	308	310
Material	STEEL						
Price	15120	7560	7560	7560	7560	7560	7560
Code (PBL)	301	302	304	305	306	308	310

Size	200 x 50 x 45						
MM	0.01	0.02	0.04	0.05	0.06	0.08	0.10
Weight	1.80	1.80	1.80	1.80	1.80	1.80	1.80
Material	CAST IRON						
Price	11550	5775	5775	5775	5775	5775	5775
Code (PBL)	401	402	404	405	406	408	410
Material	STEEL						
Price	17340	8730	8730	8730	8730	8730	8730
Code (PBL)	401	402	404	405	406	408	410

<b>Size</b>	<b>300 x 50 x 45</b>						
<b>MM</b>	0.01	0.02	0.04	0.05	0.06	0.08	0.10
<b>Weight</b>	2.70	2.70	2.70	2.70	2.70	2.70	2.70
<b>Material</b>	CAST IRON						
<b>Price</b>	14850	7425	7425	7425	7425	7425	7425
<b>Code (PBL)</b>	501	502	504	505	506	508	510
<b>Material</b>	STEEL						
<b>Price</b>	22590	11160	11160	11160	11160	11160	11160
<b>Code (PBL)</b>	501	502	504	505	506	508	510

<b>176-1</b>	<b>Sleek Design – Milhard Make</b>
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<b>Size (L x W x H)</b>	<b>50 x 22 x 23</b>											
<b>MM</b>	0.01	0.02	0.04	0.05	0.06	0.08	0.10	0.20	0.30	0.40	0.50	0.60
<b>Weight</b>	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
<b>Material</b>	STEEL											
<b>Price</b>	16650	8370	8370	8370	8370	8370	8370	7560	7560	7560	7560	7560
<b>Code (PSBLS)</b>	101	102	104	105	106	108	110	120	130	140	150	160
<b>Material</b>	ALUMINUM											
<b>Price</b>	PRICE ON REQUEST											
<b>Code (PSBLA)</b>						108	110	120	130	140	150	160

<b>Size (L x W x H)</b>	<b>100 x 22 x 23</b>											
<b>MM</b>	0.01	0.02	0.04	0.05	0.06	0.08	0.10	0.20	0.30	0.40	0.50	0.60
<b>Weight</b>	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
<b>Material</b>	STEEL											
<b>Price</b>	16650	8370	8370	8370	8370	8370	8370	7560	7560	7560	7560	7560
<b>Code (PSBLS)</b>	201	202	204	205	206	208	210	220	230	240	250	260
<b>Material</b>	ALUMINUM											
<b>Price</b>	PRICE ON REQUEST											
<b>Code (PSBLA)</b>							210	220	230	240	250	260

<b>Size (L x W x H)</b>	<b>150 x 22 x 23</b>											
<b>MM</b>	0.01	0.02	0.04	0.05	0.06	0.08	0.10	0.20	0.30	0.40	0.50	0.60
<b>Weight</b>	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
<b>Material</b>	STEEL											
<b>Price</b>	16650	8370	8370	8370	8370	8370	8370	7560	7560	7560	7560	7560
<b>Code (PSBLS)</b>	301	302	304	305	306	308	310	320	330	340	350	360
<b>Material</b>	ALUMINUM											
<b>Price</b>	PRICE ON REQUEST											
<b>Code (PSBLA)</b>							310	320	330	340	350	360

<b>Size (L x W x H)</b>	<b>200 x 22 x 23</b>											
<b>MM</b>	0.01	0.02	0.04	0.05	0.06	0.08	0.10	0.20	0.30	0.40	0.50	0.60
<b>Weight</b>	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
<b>Material</b>	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
<b>Price</b>	19080	9540	9540	9540	9540	9540	9540	8730	8730	8730	8730	8730
<b>Code (PSBLS)</b>	401	402	404	405	406	408	410	420	430	440	450	460
<b>Material</b>	ALUMINUM											
<b>Price</b>	PRICE ON REQUEST											
<b>Code (PSBLA)</b>							410	420	430	440	450	460

<b>Size (L x W x H)</b>	<b>300 x 22 x 23</b>											
<b>MM</b>	0.01	0.02	0.04	0.05	0.06	0.08	0.10	0.20	0.30	0.40	0.50	0.60
<b>Weight</b>	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
<b>Material</b>	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
<b>Price</b>	24570	12330	12330	12330	12330	12330	12330	11160	11160	11160	11160	11160
<b>Code (PSBLS)</b>	501	502	504	505	506	508	510	520	530	540	550	560
<b>Material</b>	ALUMINUM											
<b>Price</b>	PRICE ON REQUEST											
<b>Code (PSBLA)</b>							510	520	530	540	550	560

<b>176-2</b>	<b>Series PSL</b>
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<b>Size</b>	<b>100 x 40 x 100</b>		
<b>MM</b>	0.02	0.05	0.10
<b>Weight</b>	1.50	1.50	1.50
<b>Price</b>	7950	7125	7125
<b>Code (PSL)</b>	202	205	210

<b>Size</b>	<b>150 x 40 x 100</b>		
<b>MM</b>	0.02	0.05	0.10
<b>Weight</b>	2.60	2.60	2.60
<b>Price</b>	9900	9075	9075
<b>Code (PSL)</b>	302	305	310

<b>Size</b>	<b>200 x 40 x 100</b>		
<b>MM</b>	0.02	0.05	0.10
<b>Weight</b>	3.00	3.00	3.00
<b>Price</b>	12375	11550	11550
<b>Code (PSL)</b>	402	405	410

<b>176-3</b>	<b>Series UL / ULM</b>
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Model No.	Amount	H x W	Horizontal Tube Length	Sensitivity Per Meter	Weight
UL - 1	9900	150 x 40	165	0.10	0.75
ULM - 1	14025	150 x 40	165	0.10	0.75

<b>176-4</b>	<b>Series CL</b>
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Model No.	Amount	H x W	Sensitivity Per Meter	Net Weight
CL - 1	3975	80 x 60	0.10	0.60
CL - 2	4950	148 x 148	0.10	1.50

<b>176-5</b>	<b>Series ML / MLM</b>
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Model No.	Amount	H x W	Accuracy per Meter	Net Weight
ML-1	4950	100 x 35	0.10	0.50
ML-2	4950	150 x 35	0.10	0.75
ML-3	5775	200 x 35	0.10	0.95
ML-4	7425	300 x 35	0.10	1.50
MLM - 1	6600	100 x 35	0.10	0.50
MLM - 2	6600	150 x 35	0.10	0.75
MLM - 3	7425	200 x 35	0.10	0.95
MLM - 4	9075	300 x 35	0.10	1.50

<b>176-6</b>	<b>Series CTPL</b>
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<b>Model No.</b>	<b>Amount</b>	<b>H x W</b>	<b>Accuracy per Meter</b>	<b>Net Weight</b>
CTPL – 1	1575	50 x 75	0.10	0.10

<b>176-7</b>	<b>Series RL</b>
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<b>Model No.</b>	<b>Amount</b>	<b>Diameter</b>	<b>Sensitivity meter</b>	<b>Net Weight</b>
RL – 1	195	22	20 – 30 arc – min	0.02
RL – 2	195	40	20 – 30 arc – min	0.04

**Discount** : No

**Warranty** : 12 months

**Certificate** : Yes

## **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** – Shivranjini
- **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.

## PRECISION LEVELS



- For alignment & inspection of flat & cylindrical surfaces in horizontal positions
- PBL series levels are made from close grain seasoned Cast Iron and precision ground
- PBLs series levels are made from special tool steel, hardened and precision ground
- All the levels have longitudinal Vee groove between the bearing flats for accurate positioning on round work

**Note:** Levels with magnetic base can also be provided to ensure better contact to the work piece

Length	Size (mm)		Material	Accuracy Per Meter								Net Weight (kgs.)
	Width	Height		0,01mm	0,02mm	0,04mm	0,05mm	0,06mm	0,08mm	0,10mm		
50	50	45	Tool steel	PBLS-101	PBLS-102	PBLS-104	PBLS-105	PBLS-106	PBLS-108	PBLS-110	0.50	
			Cast Iron	PBL-101	PBL-102	PBL-104	PBL-105	PBL-106	PBL-108	PBL-110		
100	50	45	Tool Steel	PBLS-201	PBLS-202	PBLS-204	PBLS-205	PBLS-206	PBLS-208	PBLS-210	0.90	
			Cast Iron	PBL-201	PBL-202	PBL-204	PBL-205	PBL-206	PBL-208	PBL-210		
150	50	45	Tool Steel	PBLS-301	PBLS-302	PBLS-304	PBLS-305	PBLS-306	PBLS-308	PBLS-310	1.40	
			Cast Iron	PBL-301	PBL-302	PBL-304	PBL-305	PBL-306	PBL-308	PBL-310		
200	50	45	Tool Steel	PBLS-401	PBLS-402	PBLS-404	PBLS-405	PBLS-406	PBLS-408	PBLS-410	1.80	
			Cast Iron	PBL-401	PBL-402	PBL-404	PBL-405	PBL-406	PBL-408	PBL-410		
300	50	45	Tool Steel	PBLS-501	PBLS-502	PBLS-504	PBLS-505	PBLS-506	PBLS-508	PBLS-510	2.70	
			Cast Iron	PBL-501	PBL-502	PBL-504	PBL-505	PBL-506	PBL-508	PBL-510		

### Series-PBLS / PBL



- Specially designed for applications where working area and weight are a constraint
- PSBLS series levels are made from special tool steel, hardened and precision ground
- PSBLA series levels are made from Aluminium
- All the levels have longitudinal Vee groove between the bearing flats for accurate positioning on round work

**Note:** Levels with magnetic base can also be provided to ensure better contact to the work piece

## Series-PSBLS / PSBLA (Sleek Design)

Size (mm)			Material	Accuracy Per Meter													Net Weight (Kgs.)
Length	Width	Height		0,01mm	0,02mm	0,04mm	0,05mm	0,06mm	0,08mm	0,10mm	0,20mm	0,30mm	0,40mm	0,50mm	0,60mm		
50	22	23	Tool Steel	PSBLS-101	PSBLS-102	PSBLS-104	PSBLS-105	PSBLS-106	PSBLS-108	PSBLS-110	PSBLS-120	PSBLS-130	PSBLS-140	PSBLS-150	PSBLS-160	0.12	
			Aluminium	.	.	.	.	.	PSBLA-110	PSBLA-120	PSBLA-130	PSBLA-140	PSBLA-150	PSBLA-160	0.05		
100	22	23	Tool Steel	PSBLS-201	PSBLS-202	PSBLS-204	PSBLS-205	PSBLS-206	PSBLS-208	PSBLS-210	PSBLS-220	PSBLS-230	PSBLS-240	PSBLS-250	PSBLS-260	0.23	
			Aluminium	.	.	.	.	.	PSBLA-210	PSBLA-220	PSBLA-230	PSBLA-240	PSBLA-250	PSBLA-260	0.10		
150	22	23	Tool Steel	PSBLS-301	PSBLS-302	PSBLS-304	PSBLS-305	PSBLS-306	PSBLS-308	PSBLS-310	PSBLS-320	PSBLS-330	PSBLS-340	PSBLS-350	PSBLS-360	0.34	
			Aluminium	.	.	.	.	.	PSBLA-310	PSBLA-320	PSBLA-330	PSBLA-340	PSBLA-350	PSBLA-360	0.14		
200	22	23	Tool Steel	PSBLS-401	PSBLS-402	PSBLS-404	PSBLS-405	PSBLS-406	PSBLS-408	PSBLS-410	PSBLS-420	PSBLS-430	PSBLS-440	PSBLS-450	PSBLS-460	0.45	
			Aluminium	.	.	.	.	.	PSBLA-410	PSBLA-420	PSBLA-430	PSBLA-440	PSBLA-450	PSBLA-460	0.19		
300	22	23	Tool Steel	PSBLA-501	PSBLS-502	PSBLS-504	PSBLS-505	PSBLS-506	PSBLS-508	PSBLS-510	PSBLS-520	PSBLS-530	PSBLS-540	PSBLS-550	PSBLS-560	0.68	
			Aluminium	.	.	.	.	.	PSBLA-510	PSBLA-520	PSBLA-530	PSBLA-540	PSBLA-550	PSBLA-560	0.24		



- Made from close grain seasoned Cast Iron
- For alignment & inspection of flat & cylindrical surface in horizontal as well as vertical position
- The level has two Vee grooves between the bearing flats for accurate positioning on Round work

Length (mm)	Size		Accuracy per meter			Net Weight (kgs.)
	Width (mm)	Height (mm)	0.02mm	0.05mm	0.10mm	
100	40	100	PSL-202	PSL-205	PSL-210	1.50
150	40	150	PSL-302	PSL-305	PSL-310	2.60
200	40	200	PSL-402	PSL-405	PSL-410	3.00

## Series-PSL



- Consists of a vertical Prismatic base with a precision horizontal tubular level
- Suitable for checking vertical positions
- Series ULM is provided with magnetic base for better contact to the work piece

Model	Base Size		Horizontal Tube Length (mm)	Sensitivity Per Meter (mm)	Net Weight (kgs.)
	Height (mm)	Width (mm)			
UL-1	150	40	165	0.10	0.75
ULM-1	150	40	165	0.10	0.75

**Series-UL / ULM**



- With longitudinal & lateral vials for fitting on to machines, scientific instruments & apparatus etc.

Model	Length (mm)	Base Size		Sensitivity Per Meter (mm)	Net Weight (kgs.)
		Width (mm)	Width (mm)		
CL-1	80	60	60	0.10	0.60
CL-2	148	148	148	0.10	1.50

**Series-CL**



- Made from close grain seasoned Cast Iron
- Precisely machined and then ground on highly accurate reference surface
- All the models have a longitudinal Vee groove between the bearing flats for accurate positioning on round work
- The levels have ground and graduated main vial and a cross test vial
- Series MLM has magnetic base for better contact to the work piece

**Series-ML / MLM**

Model	Model	Base Size (mm)		Accuracy per Meter (mm)	Net Weight (kgs.)
		Length	Width		
ML-1	MLM-1	100	35	0.10	0.50
ML-2	MLM-2	150	35	0.10	0.75
ML-3	MLM-3	200	35	0.10	0.95
ML-4	MLM-4	300	35	0.10	1.50



- Made from Steel with chrome finish
- All working faces are True, Flat & Square
- The level has 2 vials at right angle for cross test leveling without moving the tool and a Plumb level at the top for checking squareness
- This little giant is very reliable compact and light weight to carry

Model	Dimension (mm)	Accuracy per Meter (mm)	Net Weight (kgs.)
CTPL-1	50x75	0.10	0.10

**Series-CTPL**



- For fitting on to Machines, Tripods, Stands, Scientific Instruments & apparatus etc.

Model	Diameter (mm)	Sensitivity Per Meter	Net Weight (kgs.)
RL-1	22	20-30 arc-min	0.02
RL-2	40	20-30 arc-min	0.04

**Series-RL**