



BEARING & TOOL CENTRE



Head Office

1st Floor, Vyapar Bhavan, Kadia Kui,
Relief Road, Ahmedabad - 380001.
Ph:- 079 - 22160386, 65254835, 22134835
Mobile : 7819819941, 9375706649

Ahmedabad Branch

GF-B-14, Jayraj Complex, Nr. Soni ni Chawl,
Odhav, Ahmedabad - 382415.
Ph:- 079 - 22890202, 65458950, 65404657, 65400202
Mobile : 7878825197, 7819819938, 9375706648

Website : www.bearingtoolcentre.com, www.bearingtoolscentre.com | Email : info@bearingtoolcentre.com

Our Sister Concern : RELIEF SERVICE CENTRE

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

Quotation

68 | Angle Gauges

Make	Insize	Kristeel	Kristeel	Tajima	Dayton
Range	1° - 45°	1 to 45 deg.	5 to 90 deg.	130 deg.	360 deg.
Least Count	----	--	-	1	1
Specs	20 leaves	20 leaves	18 pc set	With level	Magnetic Base
Code	4806 - 20	AG	AG - 18PC	SLANT AL-200	
Rs.	1931	335	730	4700	500
Discount		30 %	30%		
Catalog	Page No - 8	Page No - 2	Page No - 2	Page No - 2	Page No - 2
Calibration Rs.	700	700	700	700	700

68 - 1 | Angle Gauge Block Set

Make	Insize	Insize
Range	15° - 90°	10° - 90°
Steps	7	36
Code	4109 - 7A	4109 - 36A
Rs	30628	119496
Catalog	Page No - 8	Page No - 8

68 - 2 | Digital Angle Gauges

Make	Asahi	Insize	Insize	Precise	Metrix+
Range	180 degree	360°	4 x 90°	180 degree	0°~225°
Least Count	0.1	0.1	0.1°	0.1 degree	±0.5°
Code	-	2173 - 360	2170-1	-	AG 900
Rs.	5100	6437	2881	Quote On Req	2000
Catalog	Page No - 6	Page No - 10	Page No - 12	Page No - 12	Page 12

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.

KRISTEEL MAKE

MODEL AG

ANGLE GAUGE



This angle gauge having 20 nos levels made in stainless steel hardened & tempered. This gauge is useful for measuring angles 1- 45° can be use for checking shaft dove - tail angle. This gauge is useful in toolroom. Die makers, mould makers & woodworking industry.

ANGLE GAUGE SET-, 5° – 90° 18 PC SET (MODEL – AG 18 PC)



ANGLE GAUGE SET 5° – 90°

This gauge is made of hardened and tempered stainless steel material having a range of 5° to 90° incremental of 5° (total 18 leaves). This gauge can be used to check internal & external angles of any machined part to check dovetail angle of shafts. It is one of the most useful gauges for general purpose fabrication workshop. Tool & Die makers, wood working industry and the quality assurance department to compare angle of any part. All 18 leaves are packed in PVC Pouch.

Range: 5° to 90° -Incremental of 5° (18 Leaves)

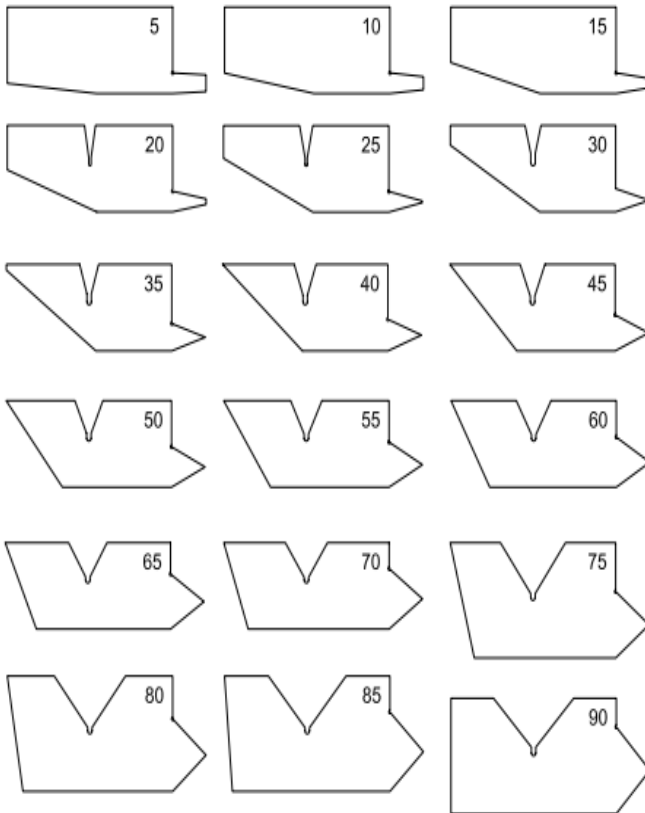
Available Models :

5° to 90° (18 Individual Leaves)

1° to 45° (20 Individual Leaves)

18 Pc. ANGLE GAUGE

KRISTEEL[®] - Shinwa



MATERIAL :- STAINLESS STEEL

**RANGE :- 5 TO 90 DEGREE. (18 LEAVES)
INCREMENTAL OF 5°**

FINISH :- POLISHED BY TUMBLING

USES :- CAN BE CHECK INTERNAL & EXTERNAL ANGLES

TO CHECK THE ANGLE OF ANY MACHINED PART

TO CHECK THE DOVETAIL ANGLE OF SHAFTS

USEFULL IN WORKSHOP , TOOL & DIE MAKERS ,

USEFULL IN WOODWORKING INDUSTRIES

USEFULL IN QA TO COMPARE ANGLE OF ANY PART

PACKING :- ALL 18 LEAVES PACKED IN PVC POUCH.

AVAILABLE MODELS :- 1) 5° to 90° (18 INDIVIDUAL LEAVES)

2) 1° to 45° (20 LEAVES ASSEMBLED)

TAJIMA MAKE

Tajima

ROTARY ANGLE METER WITH BUBBLE VIAL

Quick measuring/setting of an Angle/Slant required

SLANT 100 / SLANT AL - 200 FEATURES

- Quickly measure, verify or replicate surface angle or rise.
- Simple, one-hand operation with large thumb-screw positioned on handle.
- Big, easy-to-read scales rotate and align using a large bubble vial.
- Precise aluminum frame with a strong magnetic base attached to steel beams or pipes.
- Impact-resistant, heavy-gauge ABS case.
- Angle scale reads 0 to 130 degrees in 2 degree increments.
- Rise scale reads 0 to 0.8 in 0.05 increments and then in fixed increments upto 2.0
- With handy conversion charts and reference graphics.



Description

Magnetic Rotary Dual-Scale Angle Meter

USAGE:

For measurement of an Angle / Slant required

- As shown in the figure, press the bottom-face (a) of SLANT 100 against the surface of the object, then revolve the dial until the bubble in vial is centered between the rings.
- Read out the position of pointer shown on the dial plate.
- Both up or down-ward slope measurements are available as shown in the figure.



For Inclination measurement for construction work:



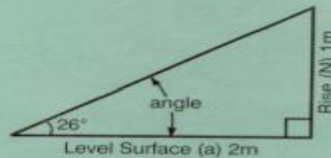
For setting of an Angle/Slant required:

- Rotate the dial pointer upto the angle slant required.
- Setting the object to the surface (a) of SLANT 100, move them both in incorporated style until the bubble in the vial is centered between the rings.



How to find Angle/Slant required:

For example, in case surface (a) is 2 (m or ft.) and rise (N) is 1 (m or ft.), then angle obtained is above 26°



Specifications:

Range of Measurement : 130° - 0 - 130° (50° - 90° - 0 - 90° - 50°)
Ratio between Surface (a) and Rise (N) : Between 0.1 to 0.8 (every 0.05 notch) and 1.00, 1.20, 1.80 to 2.00
Tolerance: ±1°
Package : Slide blister (Dimension: 320 mm x 155 mm)

ANGLE METER

DAYTON MAKE



L-9093

3" ANGLE FINDER

* Measures angles accurately and quickly from 0°-90° in any quadrant.



L-9094

4-1/8" ANGLE FINDER

* Measures angles accurately and quickly from 0°-90° in any quadrant.
* Magnetic base for mounting on steel framing square or pipe.

ASAHI Digital Angle Gauge

OPERATION MANUAL

APPLICATION:

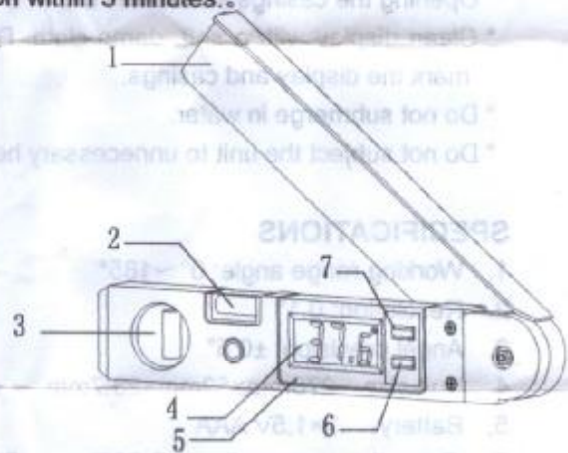
It is a precise measuring device which enables quick measuring and transferring of angles. It is mainly intended for applications which involve the definition of the exact angles, e.g. for niches and bays, sloping roofs and handrails. With horizontal and vertical bubble levels, it can also be used as a spirit level.

FEATURES:

1. Easily readable big digital display shows the exact angle at once.
2. With its horizontal and vertical bubble levels, it can be used as a spirit level.
3. Its memorial functions for metrical data.
4. Turn off automatically without any operation within 5 minutes.
5. Its cue function for low-power

DESCRIPTIONS:

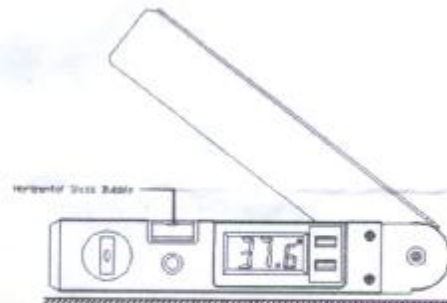
1. Scale Arm
2. Horizontal Glass Bubble
3. Vertical Glass Bubble
4. LCD Display: LCD digit height 21mm
5. Battery Compartment
6. HOLD Button
7. ON/OFF Button



OPERATING PROCEDURE:

FUNCTION A: Measure Angles, Lock Data, Return-to-Zero Calibration and Automatic Turnoff

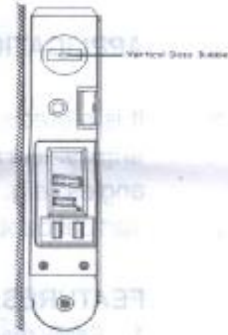
1. Press ON/OFF button to start to measure;
2. Unfold Scale Arm to measure angles;
3. After measuring, press HOLD button to lock measured data, HOLD icon will display. Data won't be changed if continuing to move scale arm. Press HOLD button again to cancel this function
4. When power off, fold the scale arm, press both ON/OFF button and HOLD button simultaneously about 1 second to return-to-zero, which can insure precise measurement..
5. Turn off automatically without any operation within 5 minutes to save power.
6. When low-power icon display in use, please replace batteries to make sure precise measurement. (unfold scale arm, take out screws from battery groove with screwdriver, install 3pcs 1.5VAAA batteries, please note its polarity)



FUNCTION B: Spirit Level and Vertical Level

1. Level status measure: put the item horizontally on the measured surface as shown right, the position of the horizontal bubble is the level status of the measured surface (If the bubble is in the midpoint of the glass bubble, the measured surface is even. Otherwise, it is uneven).

2. Vertical status measure: put the item vertically close to the measured surface as shown right, the position of the vertical bubble is the vertical status of the measured surface.



MAINTANCE AND CARE INSTRUCTIONS

- * Vibration and shock should be avoided to insure precise measurement.
- * Opening the casings invalidates the warranty. Do not try to repair the unit.
- * Clean display with a soft, damp cloth. Do not use solvents or scouring agents, which may mark the display and casings.
- * Do not submerge in water.
- * Do not subject the unit to unnecessary heat or cold by placing them in the oven or freezer.

SPECIFICATIONS

1. Working range angle: $0^{\circ}\sim 185^{\circ}$
2. Resolution: 0.1°
3. Angel precision: $\pm 0.5^{\circ}$
4. Unit size: $278\text{mm}\times 52\text{mm}\times 23.7\text{mm}$ weight (battery not included): 350g
5. Battery: $3\times 1.5\text{V AAA}$
6. Operating temperature: $0\text{-}50^{\circ}\text{C}$ Storage temperature: $-10\text{-}60^{\circ}\text{C}$

Accessories :

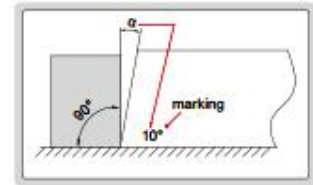
operation manual	1 piece
color gift box	1 piece

INSIZE MAKE

ANGLE GAGE



4806-20



Code	Range	Angle of leaves included	Quantity of leaves	Accuracy
4806-20	1°-45°	1°, 2°, 3°, 4°, 5°, 6°, 7°, 8°, 9°, 10°, 12°, 14°, 16°, 18°, 20°, 25°, 30°, 35°, 40°, 45°	20	±30'

ANGLE GAGE BLOCK SET



4109-7A

- Standard for angle measurement
- Accuracy ±10"

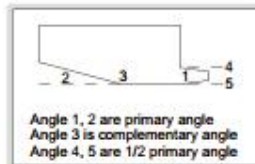
Code	Blocks per set	Angle	Step	Quantity
4109-7A	7	15°10'		1
		30°20'		1
		45°30'		1
		50°		1
		60°40'		1
		75°50'		1
		90°/90°/90°/90°		1
4109-36A	36	10° - 20°	1°	11
		30° - 70°	10°	5
		45°		1
		15°10' - 15°50'	10'	5
		15°1' - 15°9'	1'	9
		10°00'30"		1
		80°/81°/100°/ 99°		1
		89°10'/89°20'/90°50'/ 90°40'		1
		89°30'/ 89°40'/90°30'/90°20'		1
		90°/90°/90°/90°		1

ANGLE GAGE SET

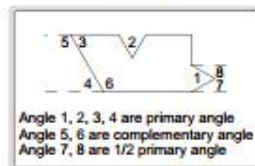


4807

- Each blade checks primary, 1/2 primary and complementary angles



type A



type B

Primary angle	1/2 primary angle	Complementary angle	Type
5°	2°30'	175°	A
10°	5°	170°	A
15°	7°30'	165°	A
20°	10°	160°	B
25°	12°30'	155°	B
30°	15°	150°	B
35°	17°30'	145°	B
40°	20°	140°	B
45°	22°30'	135°	B
50°	25°	130°	B
55°	27°30'	125°	B
60°	30°	120°	B
65°	32°30'	115°	B
70°	35°	110°	B
75°	37°30'	105°	B
80°	40°	100°	B
85°	42°30'	95°	B
90°	45°	90°	B

Code	Quantity of leaves	Accuracy
4807	18	±10'

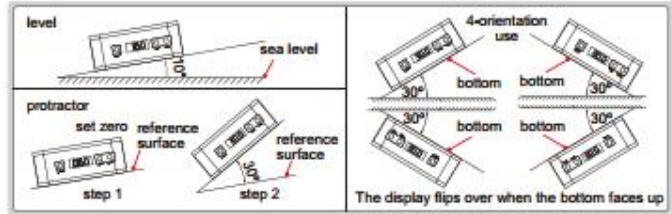
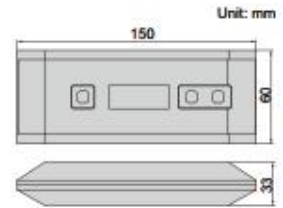
DIGITAL LEVEL AND PROTRACTOR



2173-360

Code	Range	Resolution	Accuracy
2173-360	0-360° (90°x4)	0.1° (= 1.745 mm/m)	0° and 90°: ±0.1°; others: ±0.2°

- Aluminum frame
- Magnetic bottom with V-groove for shafts
- Zero setting can be made on any plain surfaces
- Buttons: ON/OFF, ZERO, HOLD (keep the reading)
- CR2032 battery
- Automatic power off





OPERATION INSTRUCTION

Electronic Digital Protractor and Level

Code IS12173-360

Measuring range: 0-360°
Resolution: 0.1°
Battery: CR2032

1. Open the battery cover on the back. Put battery in (the positive side should face out). Close the battery cover.

2. It is necessary to make calibration after the battery is installed.

Step 1: Press 'ON/OFF' button, "-1-" appears on the display.

Step 2: Find a straight line on a flat surface, put the instrument along the line with the display facing out (fig. 1).

Press 'ZERO' button, "-1-" blinks and then "-2-" appears.

Step 3: Turn the instrument 180°. Put the instrument along the same line with the display facing in (fig. 2).

Press 'ZERO' button, "-2-" blinks, then a reading appears.

Now the calibration is finished.



Figure 1

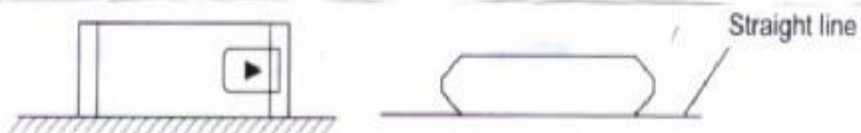


Figure 2

3. Level

The instrument is at level mode when "ABS" is on the display.

Put the instrument on the surface to be measured. The reading shows the level of this surface, while "ABS" is on the display. The "▲" and "▼" shows the directions (fig. 3).

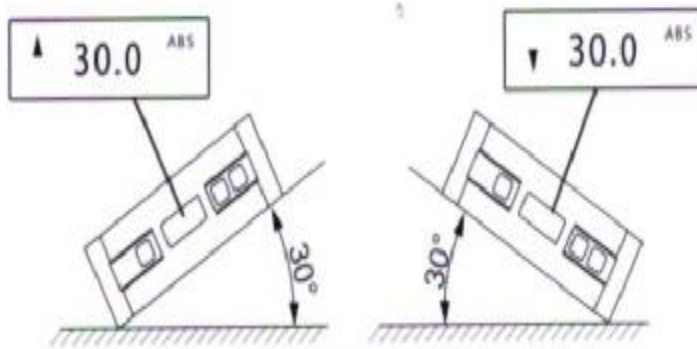


Figure 3

4. Protractor

The instrument is at protractor mode when "ABS" is not on the display.

It can be used to measure the angle of two surfaces. Put it on the first surface, press 'ZERO' button, the reading is zero and there is no "ABS" on the display (fig. 4). Move the instrument to the second surface, the reading is the angle of these two surfaces. The "▲" and "▼" shows the directions.

Press 'ZERO' to return back to level mode.

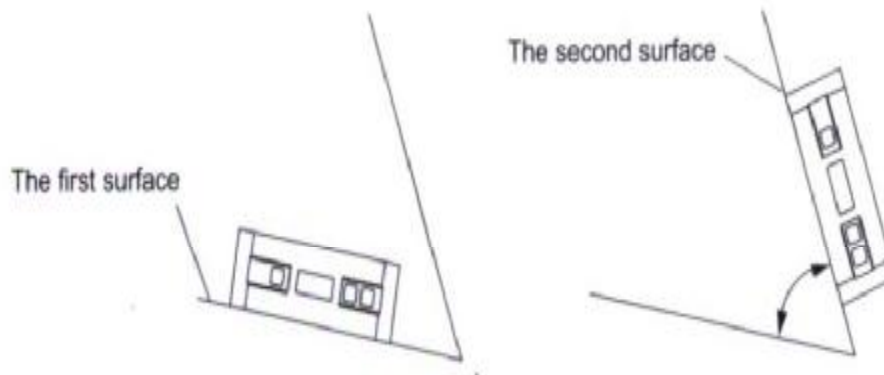


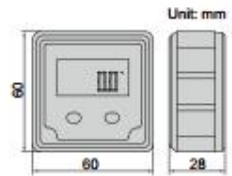
Figure 4

5. 'HOLD' button is to hold the reading (the reading does not change when the instrument moves). Press 'HOLD' button, "HOLD" blinks for several seconds, then the reading is held. Press the button again to release holding.
6. Calibration should be made regularly. When the display is powered on, press and hold 'ON/OFF' button for more than 6 seconds, the display is powered off. Press 'ON/OFF' button again, "-1-" appears on the display. Then follow the above point 2 to make calibrationn.
7. One battery will last for one year of continuous use. Display is automatically turned off in about five minutes, if the instrument is not used. If there is nothing on display or digits flash, battery voltage is too low, please replace battery. If digits do not change when buttons are pressed, take out battery and put it back after 1 minute. Remove battery if it is not to be used for a long peroid of time.
8. Working temperature is 0-40°C. Do not put the instrument near strong magnetic field. Keep it dry. Prevent liquid from getting into it to damage electronics. Do not apply voltage on it like engraving with electric pen.

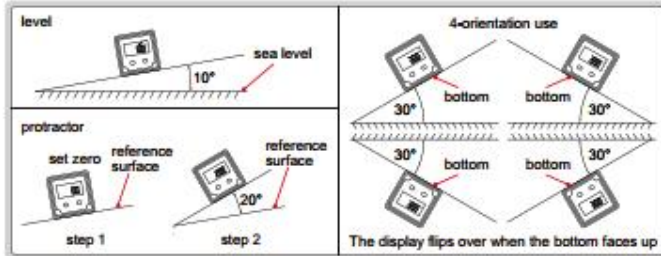
- BACKLIGHT
- ABSOLUTE LEVEL
- MAGNETIC BOTTOM
- DISPLAY FLIPS OVER WHEN THE BOTTOM FACES UP

DIGITAL LEVEL AND PROTRACTOR

- Aluminum frame
- Magnetic bottom
- The display flips over when the bottom faces up
- The backlight is on automatically when in use, and automatically off in 15 minutes after use
- The sea level is permanently set inside the chip, zero setting is not needed when battery is replaced
- Buttons: ON/OFF, ZERO, absolute and incremental measurement
- One AAA battery
- Automatic power off in 5 minutes



2170-1



Code	Range	Resolution	Accuracy
2170-1	4x90°	0.1° (=1.745mm/m)	at 0° and 90°: ±0.1°; others: ±0.2°

PRECISION



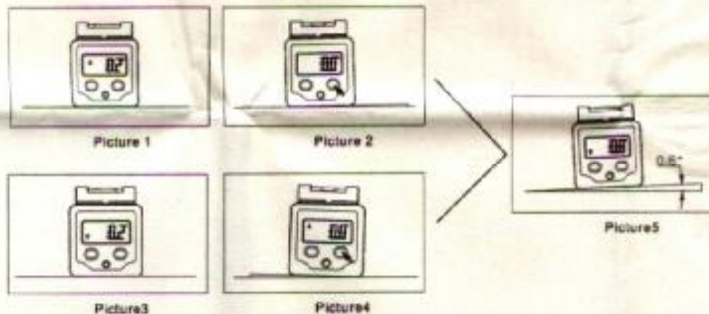
METRIX+



Digital Angle Gauge AG-900
 400mm with Horizontal & Vertical
 Glass bubble can be used as Spirit Level
 Working range angle: 0° ~ 225° Resolution : 0.1°
 Angel precision: ± 0.5°

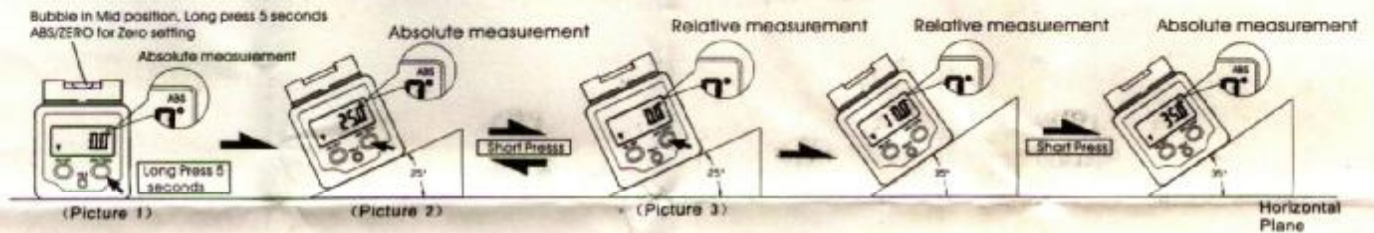
Horizontal position setting:

1. Put level box on one plane (picture 1). when the bubble stay at left side, being relative to the horizontal position, it means that the left side of level box is higher than right side.
2. Adjust the high of right side of level box properly until the bubble stay in mid position, press ABS/ZERO button 5 seconds for zero setting (picture 2), then the LCD display the horizontal position.
3. When the level box is on a plane (picture 3) and the bubble stay at right side, being relative to the horizontal position, it means the right side of level box is higher than left side
4. Adjust the high of left side of level box properly until the bubble stay in mid position, press ABS/ZERO button 5 seconds for zero setting (picture 4), then the LCD display the horizontal position.
5. (picture 5) The measured plane is 0.8 degree off the horizontal plane.



ABS/ZERO BUTTON:

1. In absolute measurement, long press 5 seconds ABS/ZERO Button can realize Zero setting at any position. (Picture 1)
2. In relative measurement, short press ABS/ZERO Button for Zero setting at any position. (Picture 3)
3. Conversion between absolute measurement and relative measurement (Picture 2, Picture 3)



4. To rechange zero position in Absolute measurement, Long press 5 seconds ABS/ZERO button.

ON/OFF BUTTON

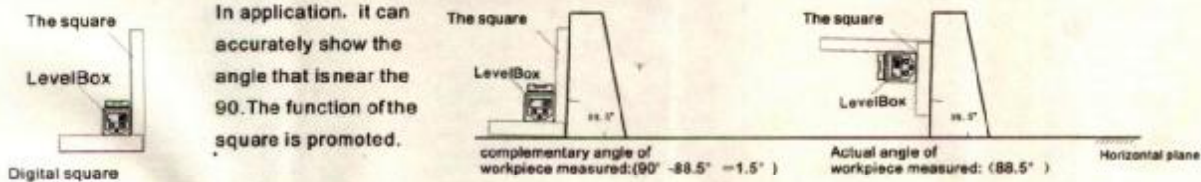
Press it lightly can turn on or off the display

HOLD BUTTON

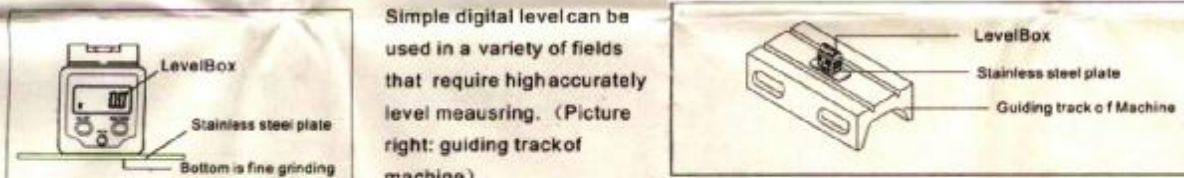
Press it lightly can hold function to freeze measurement

Application:

Put LevelBox on the square as Picture, it can be used as Digital square.



Put LevelBox on stainless steel plate as Picture below, It will be simple digital level.



Through one stainless steel plate, combine it with LevelBox you can get one digital level with high accuracy.

