

MeasumaX^{MX}

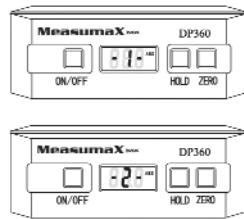
Digital Protractor 35-204

Calibration

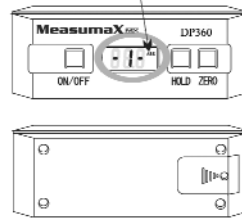
The Measumax DP-360 Digital protractor needs to be calibrated before being used. To calibrate the unit, switch on and then hold the ON/OFF button until the unit switches off (approx 6 seconds) Immediately release the ON/OFF button, then press it once again. The unit is now ready for calibration. Follow the steps 1-4 below.

<1>

Place the unit on a flat machined surface facing you with the lettering on the face right side up. Align with an edge or a line, then press ON/OFF button
The screen will display "-1-"



The icon "-1-" is blinking

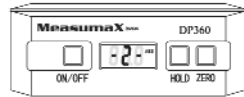


<2>

Press the ZERO button and the "-1-" will begin to flash

<3>

Wait six seconds until "-2-" is displayed



On the other side, The icon "-2-" is blinking



<4>

Rotate the unit in the horizontal plane 180 degrees, so that the lettering is facing away from you, but still the right side up. Align with the same edge or line
Press the ZERO button and "-2-" will flash. Wait six seconds until the actual angle is displayed.. The calibration is now finished

Battery Installation

When installing the battery, please insure that the battery sits under the small clip on the side of the battery compartment with the "+" facing up. Replace with battery CR2032.

Note ! The battery is not installed and is supplied only to test the system and may not have enough charge for normal use

Functions

ON/OFF Button

For measurement mode simply press the button and the angle will be displayed.

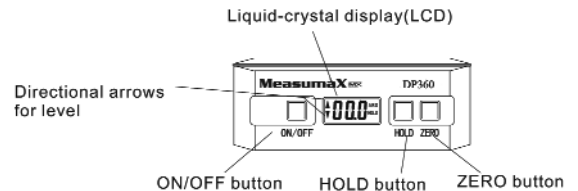
To refresh the reading press the button again.

To switch off press the button and hold for 6 seconds

NOTE! If you press the button for longer than 6 seconds the "-1-" will be displayed and the unit will have to be recalibrated as above.

HOLD Button

To freeze the display for reading where the unit has to be moved before you can see the display first ensure that the unit has been sitting in the position for more than six seconds, then press the HOLD button once. The display will show the angle and display a flashing "HOLD". Wait until the "HOLD" symbol on the LCD stops flashing and remains static, or wait at least 6 seconds, then the unit can be moved to view the
To cancel the reading press the HOLD button once again.



ZERO Button

HORIZONTAL MEASUREMENT

When the "ABS" icon is displayed ; the unit is in the horizontal measurement mode



Change to relative measurement mode by pressing ZERO button



Change to horizontal measurement mode by pressing ZERO button

RELATIVE MEASUREMENT

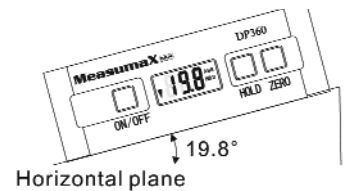
If the "ABS" icon is not displayed the unit is in relative measurement mode

HORIZONTAL MEASUREMENT

In the horizontal measurement mode the "ABS" icon will be displayed. Place the unit on the surface to be measured. Hold the unit in place for 6 seconds and the protractor will display the angle off the horizontal plane.



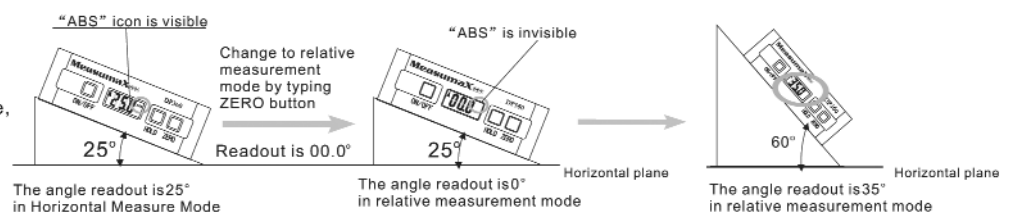
"ABS" icon is visible (when the "ABS" icon is visible and the readout is 0°, the unit is located in horizontal plane.)



RELATIVE MEASUREMENT

Setting the alternate reference point. This function allows you to set any angle as the 0.00 reference point from which a measurement can be taken. E.G. You can set a surface that is 25 degrees off the horizontal plane as 0.00 so that you can use that surface to measure all other angles from

1. In the horizontal mode the "ABS" icon will be displayed. Put the digital protractor on a surface 25 degrees off the horizontal plane
2. Press the "ZERO" button to change to relative mode. (0.00 will be displayed)
3. Place the protractor on a surface 60 degrees off the horizontal plane and 35 degrees will be displayed



Technical Data. Full 360 degree range (90 x 4) - Resolution 0.1 degree. - Stainless Steel frame - Battery CR2032

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BATTERY INSTALLATION INSTRUCTIONS

1. Remove the battery cover. (Fig.1)
2. Insert the battery (CR2032) into the space between the anode clip and the cathode clip, "+" side up. (Fig.2)
3. Press the battery into the battery pocket. (Fig.3)
4. Replace the cover.

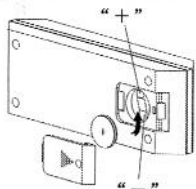


Figure 1

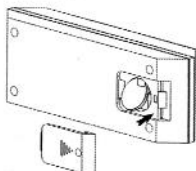


Figure 2

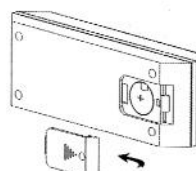


Figure 3

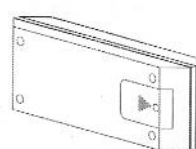


Figure 4

BATTERY REMOVAL INSTRUCTIONS

1. Remove the battery cover and with a screwdriver slightly press down near the the anode clip. (Fig.5)
2. The battery will release quickly (Fig.6)

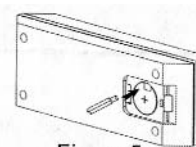


Figure 5

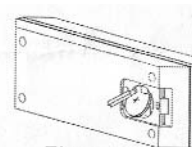


Figure 6