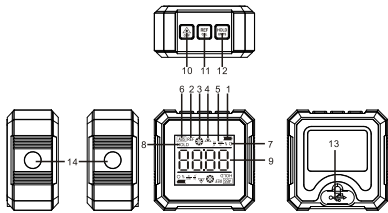


LM320A/LM320B  
Digital Angle Meter User Manual

Product Description



|    |                                  |
|----|----------------------------------|
| 1  | Battery status                   |
| 2  | REF relative zero                |
| 3  | Product tilt direction           |
| 4  | Laser                            |
| 5  | Unit conversion (in/ft; mm/m)    |
| 6  | ABS horizontal zero              |
| 7  | Gradient unit (%/°)              |
| 8  | Data hold                        |
| 9  | Measurement result               |
| 10 | Power/laser button               |
| 11 | REF/ABS/calibration button       |
| 12 | Data hold/unit conversion button |
| 13 | Type-C charging interface        |
| 14 | Laser emission aperture (LM320B) |

Operation

Power on:

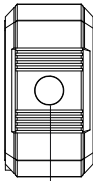
When the meter is not turned on, short press to power on.

Power off:

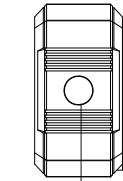
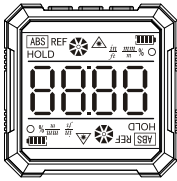
When the meter is turned on, long press to power off.

Laser (LM320B only)

After turning on the meter, short press to step through: turn on the left-side laser> turn on the right-side laser >turn on the lasers on both sides> turn off the lasers on both sides.



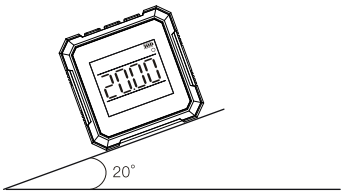
Left-side laser  
(LM320B)



Right -side laser  
(LM320B)

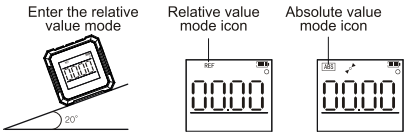
Angle measurement:

When the meter is turned on, place it on an inclined surface. The value displayed on the screen is the angle between the inclined surface and the horizontal plane.



REF (relative value mode):

Short press to enter the relative value mode (set the current measurement value to 0). Short press again to exit this mode.



Calibration:

Place the product upright on a flat, smooth surface as shown in Figure 1. Long press , "1" will show on the screen (Figure 2). Short press to proceed to the next step (Figure 3). Rotate the product 180° in the same position (Figure 4). Short press to complete the calibration.

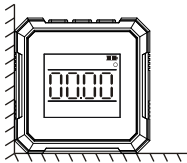


Figure 1

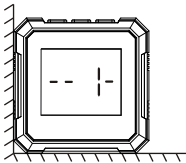


Figure 2

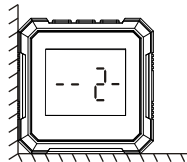


Figure 3

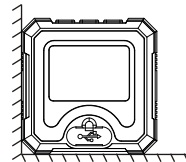
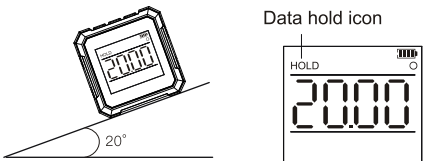


Figure 4

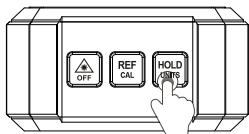
Data hold:

Short press to freeze the current measurement data. Short press again to exit this function.



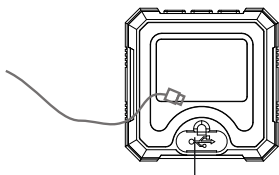
Unit conversion:

Long press  to convert the unit (default unit: °). Other selectable units: mm/m, %, in/ft.



Charging:

When the low battery indicator  shows on the upper right corner of the screen, please use the attached charging cable to charge the product.



Type-C charging interface

Specifications

| Model                         | LM320A                                                              | LM320B            |
|-------------------------------|---------------------------------------------------------------------|-------------------|
| Measurement range             | 4*90°                                                               |                   |
| Accuracy                      | ± (0.2°)                                                            |                   |
| Resolution                    | 0.01°                                                               |                   |
| Laser                         | /                                                                   | Two-side lasers   |
| Operating temperature         | 0~50°C                                                              |                   |
| Display                       | EBTN, with backlight                                                |                   |
| Battery                       | 3.7V 300mAh lithium battery                                         |                   |
| Charging interface            | USB Type C                                                          |                   |
| Battery life                  | 2h                                                                  |                   |
| Magnet base                   | Two-side magnets                                                    | Four-side magnets |
| Frame material                | Aluminum alloy                                                      |                   |
| Relative/absolute measurement | √                                                                   |                   |
| Angle lock                    | √                                                                   |                   |
| Low battery indication        | √                                                                   |                   |
| Auto power off                | 5 minutes                                                           |                   |
| Product size                  | 61*61*31mm                                                          |                   |
| Standard accessories          | Angle meter: 1pc, USB cable: 1pc, user manual: 1pc, base plate: 1pc |                   |

Cautions

1. Please do not use organic solvents to clean this product.
2. Please use a soft cloth to clean the dirt to avoid damaging the surface of the product.
3. The meter will power off automatically if no button press occurs for 5 minutes.

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