



AngleStar digital protractor

Model DP-45

The AngleStar Digital Protractor Model DP-45 provides instant digital display of level, angle and tilt. Consists of a rugged electronic sensor, custom circuitry and liquid crystal display in an easy-to-use, hand held battery powered package. Features include alternate reference and display hold. Digital display eliminates the need to interpret a bubble or vernier scale.



Features

- Reads in Degrees
- Alternate Reference (Floating Zero)
- Display Hold
- High Impact Plastic Carrying Case

Applications

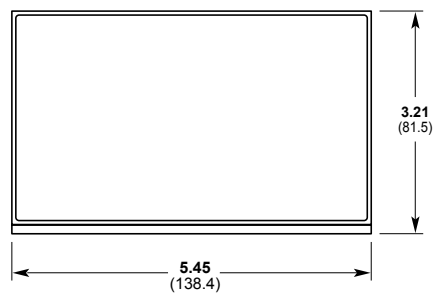
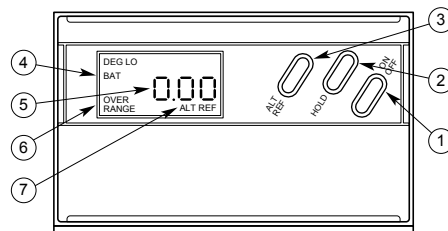
- Driveshaft Maintenance
- Antenna Positioning
- Race Cars
- Machine Tooling

Performance specifications

Range	±45°
Resolution	±0.1°
Linearity	±0.1° (0° to 10°)
	15% of reading (10° to 45°)
Repeatability	±0.0.1°
Cross Axis Error	<1% up to 45° cross axis angle
Voltage Supply	9 volt battery
Battery Life	100 hours approx.
Temperature Range	
Operating	0° to 65°C
Storage	-40° to 65°C
Weight	12.3 oz (349 gms)

- 1. ON /OFF** The instrument is powered by a single push of the ON/OFF button. Power is removed by a second push of the same button or after a 10 minute time out period.
- 2. HOLD** The display reading on the LCD is retained and flashes when the HOLD button is depressed. Push again to release hold feature.
- 3. ALT REF (Floating Zero)** Alternate reference allows you to zero the digital readout anywhere within its range for a quick and accurate measurement of deviations from a reference surface.
- 4. LO BAT** LOBAT is displayed on the LCD when the battery voltage drops below 7 volts. The battery should be replaced when this condition exists. Low battery voltage may affect accuracy.
- 5. MINUSSIGN** The minus sign (-) indicates an angle in the counterclockwise direction from zero. Absence of the minus sign indicates an angle clockwise from zero.
- 6. OVERRANGE** When the instrument is used at an angle that exceeds its measurement range (±55° from level, null) no angular reading will appear on the LCD and OVERRANGE will flash.
- 7. ALT REF** Depressing the ALT REF button will zero the display reading to a new reference and "ALT REF" will be displayed on the LCD. A second push of the ALT REF will return the instrument to normal, or gravity referenced mode.

Dimensions [mm]



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