



PRO 360

Digital Protractor

- ▣ Measurement range 360° (4x 90°)
- ▣ Accuracy: ±0.1° (range 0° ±10°)
±0.1° (range 90° ±10°)
±0.2° other ranges
- ▣ Display in °
- ▣ Supply voltage 9 V battery



The PRO 360 series is a revolutionary measuring tool that provides an immediate, digital reading of all angles in a 360° circle. The machined aluminium frame is a rigid, lightweight, ultra-precise platform that allows the state-of-the-art sensor and its microprocessor circuit to provide unsurpassed accuracy throughout the Protractor's 360° range.

The PRO 360 series uses an innovative liquid-filled angle sensor. As the protractor is moved, the liquid seeks a new position, resulting in changes in the electrical properties of the sensor. A microprocessor analyzes the changes and calculates the numbers seen on the display.

The unit operates for up to 500 hours on a single 9 V battery.

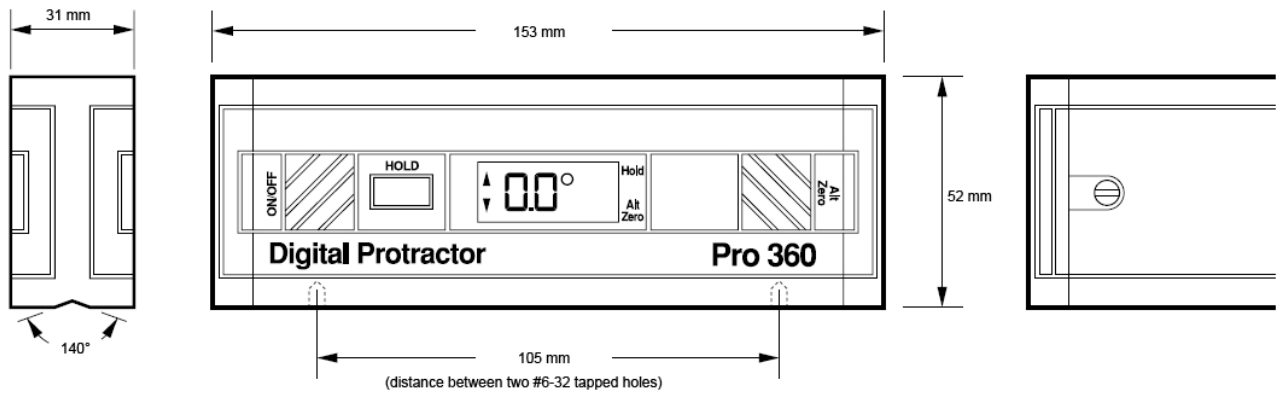
More Features:

- ▣ Resolution 0.1°
- ▣ Easy to read LCD display
- ▣ Precision, machined aluminium frame
- ▣ Unit can be recalibrated to factory accuracy in the field without special tools
- ▣ Typical applications: drive shaft alignment, aircraft flap calibration, setup of precision machines, road or rail-track layout, satellite or aerial alignment

▣ Specifications

Range:	360° (4 x 90°)
Resolution:	±0.1°
Accuracy:	±0.1° (range 0° ±10°) ±0.1° (range 90° ±10°) max. ±0.2° (other ranges)
Repeatability:	±0.1°
Cross axis error:	minimal
Supply voltage:	battery 9 V
Battery life:	500 hours typical
Operating temperature:	-5 ... +50 °C
Storage temperature:	-20 ... +65 °C
Weight:	approx. 325 g

▣ Dimensions



All dimensions in mm, approx. values.

These drawings are for information only and not intended for construction purpose. Please ask for detailed drawings.

▣ Ordering Information

PRO 360	PRO 360 unit and accessory: - Factory calibration certificate - Battery 9 V - Transport case - Manual
PRO-MF	Accessory: Magnet base (available only when ordered with a PRO 360 unit)

Due to continual product development, ALTHEN and partners reserve the right to vary the foregoing details without prior notice.

PRO_360_en, © ALTHEN GmbH 02/2011, version 1.02

Page 2/2

ALTHEN GmbH Mess- und Sensortechnik

Frankfurter Str. 150 - 152

+49 6195 70060

<http://www.althensensors.com>

65779 Kelkheim / Germany

+49 6195 700666

info@althen.de

ALTHEN
MESS- UND SENSORTECHNIK