

# PRO 3600 Digital Protractor

The Pro 3600 Digital Protractor is a revolutionary measuring tool that provides an immediate, digital reading of all angles in a 360° circle. The machined aluminum 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.



## AN INNOVATIVE LIQUID-FILLED ANGLE SENSOR

The Pro 3600 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 Pro 3600 also has an RS-232 compatible digital output which will interface with computers, data loggers and printers. This feature, along with the improved accuracy, high resolution and simple operation, makes the Pro 3600 a bench- mark tool for years to come.

## FEATURE OVERVIEW

The Pro 3600 operates normally in a standard reference mode where level is displayed as 0.00°. However, a new reference point for 0.00° can easily be established by pushing the ALT ZERO button. You can also "freeze" any displayed angle on the LCD by pushing the HOLD button.

The 360° range of the unit is organized into four 90° quadrants for display purposes. Display resolution is 0.01° near level (0.00° to 9.99°) and 0. 1° at all other angles (10.0° to 90.0°).

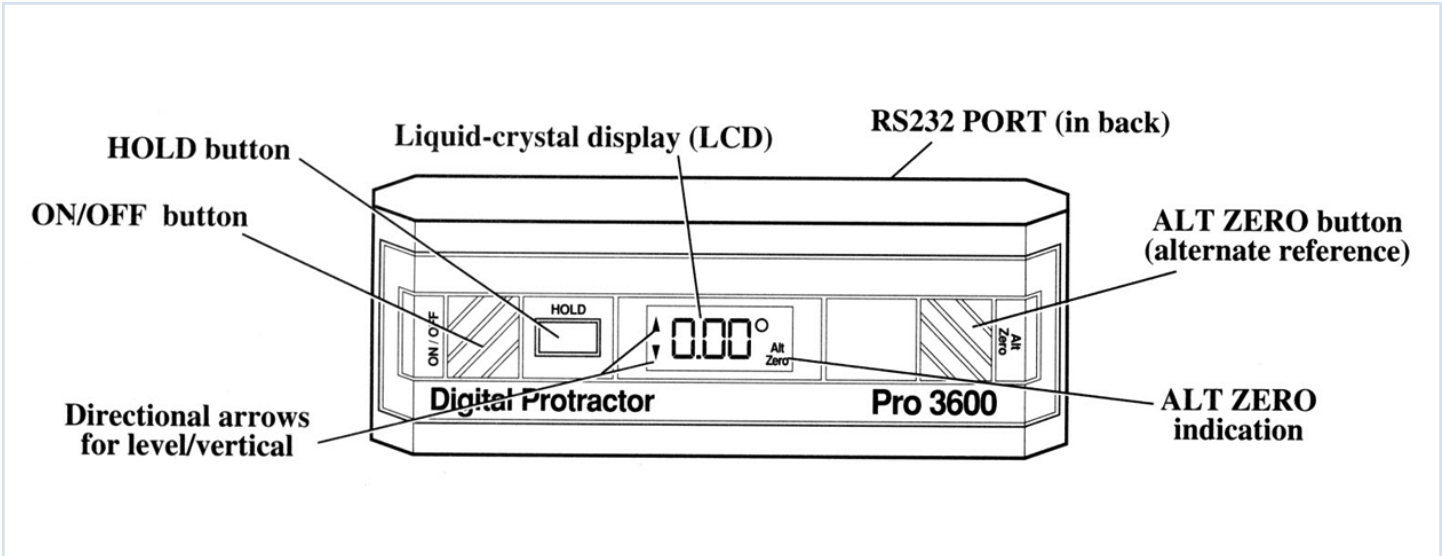
And the Pro 3600 does not need to be returned to the manufacturer or dealer for recalibration. By following the Superset® instructions, you can test and recalibrate the Pro 3600 in just a couple of minutes on site and without any special fixtures.

The Pro 3600 is built in a rigid, machined aluminum frame that is ¼-inch (6.3mm) thick

at the top and bottom surfaces of the instrument. The top and bottom surfaces are parallel to within ±0.005 inch (±0.1mm). A V-groove runs the length of the bottom surface for easy placement on curved surfaces such as pipes or tubes. There are two threaded mounting holes in the bottom of the Pro 3600 for fastening to a mounting surface with screws.



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PRO 3600 DIMENSIONS AND WEIGHT	
DIMENSIONS	6.07 x 1.19 x 2.0 inches (154 x 30 x 51mm), L x W x H
MOUNTING HOLES	Two 6-32 holes on bottom surface; 0.25-inch (6mm) deep; 4.13-inch (105mm) center-to-center hole spacing
WEIGHT	12 oz (340 g)

USEFUL ACCESSORIES:	
Pro 3600	Digital Protractor with Carrying Case and User's Manual
Pro 3600+	Adds 5-ft (150cm) RS232 Cable for Connecting Digital Protractor to PC (female DB9 connector on PC end)
84065	Extra 5-ft (150cm) Serial Cable, see description above