

ProPanel: Handheld Measuring Tool

ProPanel is a large handheld/portable caliper, designed to measure panels and flat products. ProPanel is perfect for shop-floor applications - the rugged anodized aluminum rail and hard-anodized jaws are long lasting and durable, even when debris is present. And the sliding carriage moves on four ultra-low friction bearings to minimize pitch and yaw errors. A large LCD readout means dimensions are easy to read. ProPanel uses our Series II measuring technology for the utmost in performance and reliability in nearly all working environments. ProPanel can measure many different features of parts, including outside-to-outside dimensions, inside-to-inside dimensions, hole-to-hole, edge-to-hole, comparison of diagonal measurements, and more.



Features:

- Repeatable to .001 inch or 0.02mm.
- Large battery operated readout.
- Selectable units: Inches, millimeters, centimeters, or fractional inches.
- Includes incremental mode – for comparing parts against a master part.
- Very fast slew rate – move the carriage up to 60 inches/second.
- The Digital Readout can remember calibration information for 5 different inserts/attachments.
- Special functions: Go/NoGo, Summation of part lengths, MIN, MAX, and AVG statistics
- Automatic power-off after 15 minutes. Automatic power-on when carriage is moved.
- Bolt-on components allow measurement of diagonals, hole-to-hole distance, and edge-to-hole distances.
- Built-in SPC port can be used to send measurements over wired or wireless connections.
- Automatic temperature sensing and auto-correction for CTE.
- Custom designs available, including absolute encoder designs.

Specifications:

- Accuracy: Within .005 inches
- Repeatability: Within .001 inches
- Resolution: .001 inches, .01mm, or 1/64th inches
- Power: 1ea. Size 123 Lithium battery
- Range: Standard sizes up to 120 inches, custom sizes to 16 feet.
- Maximum slew rate: 60 inches per second
- Warranty: 1 year

Included:

- Complete system, ready to use after unpacking.
- Standard jaws can measure inside-inside and outside-outside dimensions.
- Calibration Report (shows how much error exists and where)
- User Manual
- 4 Cylinders - used with jaws to compare diagonal measurements

Accessories available:

- Hole-to-hole kit: Includes bolt-on parts that allow hole-to-hole and edge-to-hole measurements
- SPC Transmitter: Allows measurements to be sent wirelessly to a remote computer
- Custom designs: Contact us to discuss a special design!

Photos:



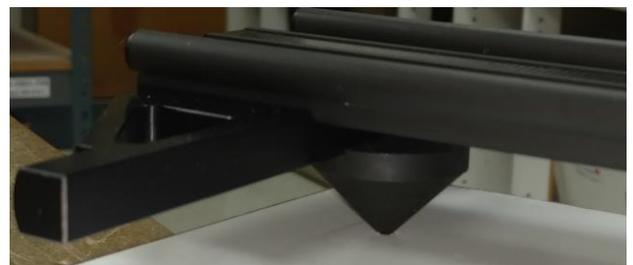
Measuring a Panel's width
(Length measurements use same process)



Measuring inside a frame



Comparing diagonal measurements



Measuring Hole-to-Hole distance

Standard Sizes:

ProPanel Model	Part Number	Measuring Range
ProPanel-40	901-4017-040	0-40 inches
ProPanel-60	901-4017-060	0-60 inches
ProPanel-100	901-4017-100	0-100 inches
ProPanel-120	901-4017-120	0-120 inches