

PRO-MIC

New Electronic Diameter Measurement

Measure the OD of Rolls, Shafts, Cylinders:

- Quickly
- Accurately
- Electronically
- Without Difficult Manual Measurements

PRO-MIC **TRUE Diameter** Electronic Diameter Measurement Systems make measuring diameter easy.

The TRUE Diameter units provide repeatable, electronic diameter measurement with a minimum of operator influence.

Each mechanical assembly provides a diameter range of 4 inches. See reverse side for standard size ranges.

Repeatability of the TRUE Diameter unit is ± 0.0002 " on a finished ground roll. (Our tests have shown results as good as 0.0001 " on low Ra rolls).

Calibration is accomplished using the same standards used for hand micrometers.

If needed, more than one size range can be provided with one base unit by changing arm assemblies.

The electronics can download the diameter readings to our Visual Quantum software package or your own shop system.



PRO-MIC TRUE Diameter

Patent Applied For

PRO-MIC

TRUE DIAMETER

Diameter 3000 Specification Chart

Electronics

- Unique PRO-MIC Digital Electronics Package.
- 20 Millionths (0.000020") Measurement Resolution
- Repeatability to +/-0.0002"
- Super Bright Display - Easy to read in dim lighting.
- Diameter Values Displayed Digitally (24.0034").
- One Button Measurement.
- One Button Calibration.
- Easily Communicates with Your PC.
- Optional Printer.
- Nickle Metal Hydride Rechargeable Batteries (4xAA)
- Wall Charger Included.

Mechanicals:

- Light Weight Aluminum Construction.
- 4 inch Diameter Range for each Arm Assembly.
- Interchangeable Arm Assemblies.
- PRO-MIC Guaranteed Precision and Repeatability.

Standard Size Ranges:

8" to 12"	(200 to 300mm)
12" to 16"	(300 to 400mm)
16" to 20"	(400 to 500mm)
20" to 24"	(500 to 600mm)
24" to 28"	(600 to 710mm)
28" to 32"	(710 to 810mm)

Custom Sizes Available



Keypad Layout