

MINI Linear Measuring Machine

MINI is a linear measuring system capable of measuring all kinds of parts for length and width. It is designed for use on a factory-floor, and is ideal for measuring wood, plastic, aluminum, and other non-ferrous products.

MINI is built on a 4.5-inch-wide high quality anodized aluminum extrusion. The carriage has three self-wiping steel roller bearings for smooth travel along a steel guideway¹. The carriage travels over the main body of the system, thereby minimizing pitch/yaw, and keeping Abbe' error as low as possible. Our own Series II inductive-coupling measuring technology provides excellent performance and reliability in nearly all working environments. The jaws are 3/8" thick hard anodized aluminum. Adjustable feet are included for easy leveling.



A battery powered readout travels with the moving carriage, and can perform absolute/incremental measurements, send measurements using the built-in SPC port, perform Go/NoGo testing, some statistics on parts being measured, and many more functions.

Accuracy is guaranteed within +/- .010 inches. The system has built-in temperature monitoring and compensation for CTE.

System options include V-blocks (for measuring tubing and shafts) and Wireless Data transmission.

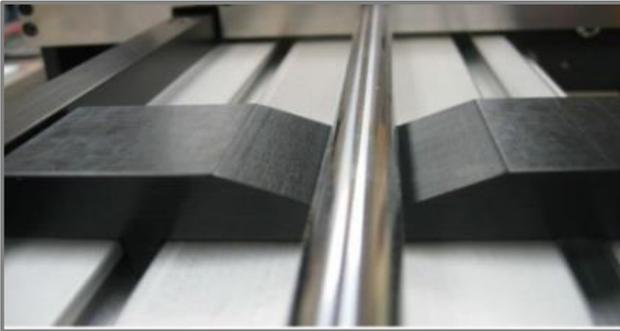
Features:

- 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 40 inches/second.
- 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.
- Built-in SPC port can be used to send measurements over wired or wireless connections.
- Automatic temperature sensing and auto-correction for CTE.
- No external computer needed for some data processing.
- Each unit is supplied with a calibration report.

Specifications:

- Accuracy: Within .010 inches
- Jaw size: Jaws are 3/8" thick, 1.6" tall, and 4.5" deep²
- Repeatability: Within .001 inches
- Resolution: .001 inches, .01mm, or 1/64th inches
- Power: 1ea. Size 123 Lithium battery
- Range: 40 inches
- Maximum slew rate: 40 inches per second
- Warranty: 1 year

System Options:



V-blocks ensure rounds and tubular parts are measured the same way by every operator.



Transmit measurements (or statistical data) wirelessly to a remote computer using our **SPC Transmitter**.

¹Bearings do not require greasing. Other bearing options exist on custom units.

²Minimum part thickness is .100"