MMP - DIGITAL LENGTH GAUGE

METROLOGY SOLUTIONS

The Kentucky Gauge MMP Digital Length Gauge offers a rugged alternative to delicate calipers that often get lost or damaged. Not only does the MMP boast larger anvils than calipers, it is also available in longer lengths and offers an optional non-marring surface for the material to rest while being measured. Thus, eliminating errors from the tool being misaligned with the surface of the part.

2-YEAR WARRANTY

Key Features

- Easy-to-read LCD digital readout
- Inch, mm and fractional display with direct push-button conversion
- Calibration certificate included
- RS232 interface (optional)
- Adjustable parameters for presets, datum and offsets
- Precision ground tool steel anvils
- Customizable to fit application requirements
- Field replaceable components
- Can be mounted to a dedicated table top or optional UHMW base for portability

Specifications

Resolution	0.001", 0.01mm, 1/64"
Repeat-accuracy	0.001" / 0.01mm
Anvil size	3.375" x 2.50" standard
Operating temperature	0°C - 50°C (32°F -122°F)
Protection	Scale: IP67 Display: IP60
Power supply	'C' battery
Measuring technology	Magneto-resistive
Measuring range	Unlimited

Specifications subject to change

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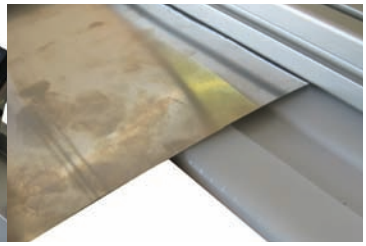
Customized application examples

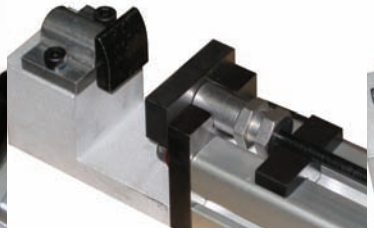
Thin sheeting

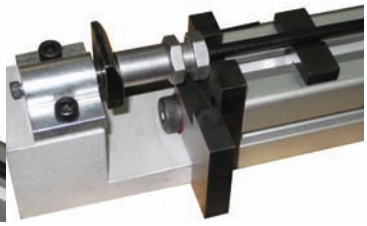
To ensure the sheeting didn't slip underneath the anvils, a step was cut into the UHMW surface and custom anvils were machined to ride inside the slot.
Similar applications include shim stock, thin gauge sheet metal and paper labels.

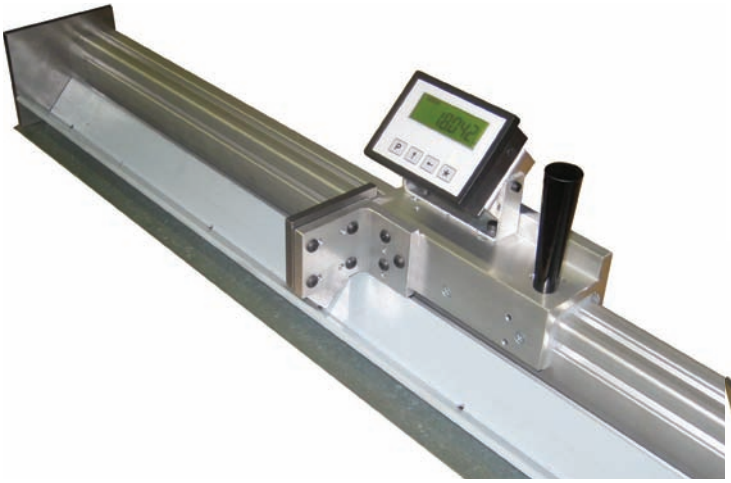


Brake lines

A unique rotating anvil was manufactured to allow for measuring the length of the brake line, including the fitting, and also measure the length of the brake line only. Custom v-blocks were also manufactured to allow the brake line to remain straight during operation.

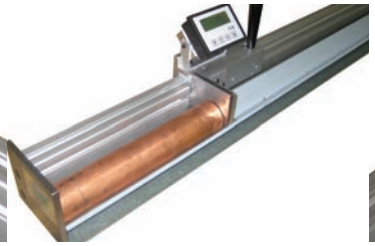


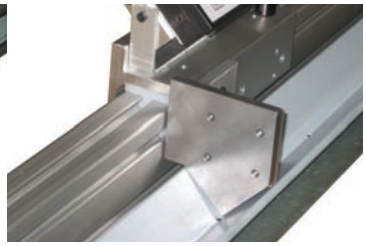




Round bars and tubing

A channel can be added to hold round material in place while being measured. Custom anvils are also manufactured to travel inside the channel to ensure contact with the material regardless of the diameter.





BULLETIN NO: MMP-0515