

PRO-MIC

**Why is the PRO-MIC
the
Professional's Choice
for
Roll Profile Measurement ?**

23 years.

650 Systems.

245 Locations.

6 Continents.

30,000,000 Profiles.

It Works.



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Why is the PRO-MIC the Professional's Choice?

Design Options

TRUE End-to-End TN-009	The patented world leader for complete End-to-End roll profile measurement.
LIGHTWEIGHT TN-018	Lightweight Single-arm design with advanced electronics.
Mini-Z TN-005	For measuring small diameter rolls. Down to 0.9"
Stealth and Spanner TN-028 TN-014	For measuring rolls in place in the mill.
Alpine	This special system detects ridges and defects in rolled product.
Dial Indicator/ Manual Systems TN-017	Traditional dial indicator saddles still have a place, ours include the machined precision of a PRO-MIC. Available with electronic display indicators.
Plate Skate	For measuring thickness variation of rolled material.
Specialty Systems	If you have a special measurement need, just ask.

Advanced PC Systems

Highlights of PRO-MIC's Optional PC Systems:

- More than **60 installations** (ask for a reference list).
- Roll Shape Analysis** - See how accurately your roll grinder generates the roll shape.
- Target Shape Analysis** - How close to the Taper and Crown specification did you (or your supplier) come?
- Targets** - CVC, Sine, Cosine, Flat, Parabola and Compound Shapes.
- Roll Gap Analysis** - our systems will show you what your strip sees as it passes between mated rolls.
- SPC Charts** of Grinding Accuracy - User friendly and easy to use.
- Wired or wireless **network communications** or connection to your company wide system.
- Affordable customization** including communication with existing grinder mounted measurement systems.

Here's why the PRO-MIC is the Professional's Choice:

- No Calibration Required** - All New Digital Design using Magnescale Technology eliminates calibration.
- Resolution** to 5 millionths of an inch (0.000005").
- Proven **Repeatability** guaranteed to +/- 100 millionths (0.0001").
- Our test facility certifies the **Repeatability and Accuracy** of every PRO-MIC - new or serviced - on our test rolls.
- Gage R+R Studies** - we have passed the stringent tests of the largest international metals companies.
- Embedded Processor System** - battery powered for up to 2 hours on the roll -- the PRO-MIC is a complete package, no PC required.
- Quick Taper and Crown** while still on the roll - values are displayed on the PRO-MIC's two line backlit LCD.
- Print Directly from the PRO-MIC** with the basic system; 8.5" by 11" full color output. (Technical Note 002).
- Engineered for Electronic roll profile measurement** - our innovative mechanical designs overcame the limits of older dial indicator based designs. (Technical Note 009)
- On-the-roll Profile and Target Display** using hand held data loggers to easily collect groups of profiles quickly without requiring any printouts or PC connection. (Technical Note 008)
- More than 525 Happy Systems Worldwide** and the network to support each of them.
- Quick Repair Turnarounds** with rental systems available for zero down time in your shop.
- Field Service** available.
- **Customer Calibration** kits so you can do your own calibration check.
- A Really Cute Comic Book** presenting our systems. (Ask for a copy of the Quest)

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