

PRO-MIC

Electronic Roll Profiling Systems

Reliability, Repeatability and 3-Button Routine Operation

PRO-MIC Retrofit System II

Your old (or new) dial indicator equipped saddle micrometer can be retrofitted with PRO-MIC electronics.

If you are already measuring roll profiles manually, the least expensive solution to upgrading your shop's roll profiling ability may be to install a PRO-MIC electronics package to your current saddle mic.

PRO-MIC has completed the retrofit dozens of times over the years. We are ready to complete a retrofit for your shop.

The retrofit can be completed by the customer or by our technicians.

Significant savings are available by using the saddle mic you already own.

The System can be connected to any one of PRO-MIC's software systems for electronic storage and recall of profiles, SPC Analysis, Roll Shape Analysis, target shape comparisons and roll wear analysis.

Call us, or call any one of the more than 625 satisfied PRO-MIC users. Any of us would be happy to talk with you about our Systems.



PRO-MIC Electronics Package



Flexible PRO-MIC Electronics Mount



Sample Before



Sample After



PRO-MIC Encoder Assembly
for Distance Measurement

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PRO-MIC Retrofit System II

System Components

1. PRO-MIC Electronics package w/mount.
2. Shaft Encoder Assembly.
3. Measurement Probe Holder
4. PRO-MIC Charger/Interface.
5. Printer for hardcopy output.
6. 500 copies of Roll Profile Report.
7. Set of wrenches required for assembly.
8. ISOBAR surge protector.
9. Instruction manual with calibration data.
10. Full 6-month defect and performance guarantee on all components excluding measurement probe.

Electronic Data

System Design:	PRO-MIC Electronics Package Series 5000 Analog or Optional PRO-MIC Digital Electronics
Probes:	Measurement Range: +/- 0.040" (0.080" total) Optional Digital Range: +/-0.200" (0.400" total) Resolution: 0.000020" (optional to 0.000005") Repeatability: +/-0.0001"
Measurement Frequency:	User Selectable: 0.1", 0.2", 0.25", 0.5" (2mm, 5mm, 10mm, 20mm)
Output:	Direct to supplied printer. Optional transfer to personal computer. 8.5" x 11" Full graphical and 21 station data outputs available.

System Options

Factory Installation:	Our technicians will service your existing saddle, complete the retrofit and fully test the new system.
Digital Electronics:	Upgrade to the PRO-MIC Digital Electronics -- NO CALIBRATION.
PRO-MIC PRO-FILER:	Hand held memory unit for temporarily storing groups of profiles.
Computer Systems:	Store and retrieve profiles electronically; create a paperless roll shop.
PRO-MIC System II.5:	Diagnose grinding machine problems by separating profiles into Taper, Crown, Symmetry and Shape.
Switchable Probes:	Switch between a standard measurement probe and a high-resolution or long-throw probe using one electronics.
Transferable Electronics:	Share one PRO-MIC electronics between two mechanical systems.