

PRO-MIC

Electronic Roll Measurement Systems



PRO-MIC Stealth System II In-Place Roll Profiling Technology

The PRO-MIC Stealth provides state of the art in-place roll profiling technology.

The all new low clearance mechanical designs are intended specifically to measure roll profiles in-place requiring as little as 2" of clearance around the roll.

The PRO-MIC Stealth uses the same tried and proven PRO-MIC electronics in use on more than 500 PRO-MIC Systems worldwide, but with a flexible offboard / onboard electronics configuration.

PRO-MIC Stealth systems are custom manufactured to meet each customer's roll size requirements.

All PRO-MIC units measure change in diameter up to 10 times per inch of travel with a resolution of 0.000020" and repeatability of ± 0.0001 ". High Resolution packages are available providing resolution of 0.000005".

Roll Model shape analysis will give you the ability to separate your profiles into four distinct elements: TAPER, CROWN, SYMMETRY and SHAPE which will help you diagnose roll grinder problems.

Computer based systems are available, and provide instant profile storage and recall, track the history of each stored roll and allow multiple profiles to be displayed and compared simultaneously.

Analysis using sine, taper-flat-taper and CVC shapes will compare a roll's ground shape to the perfect target profile for that grinding. Overlay Analysis provides accurate comparison of profiles of different lengths.

In-place roll profiling, using the PRO-MIC Stealth, is also available as a daily-rate service.

If you have questions, or would like to see a PRO-MIC Stealth demonstration, please call us at 1-800-PRO-MIC-1. It would be our pleasure to discuss how our systems can improve your mill's productivity.



**24" PRO-MIC Stealth
Shown on 24" O.D. Roll**