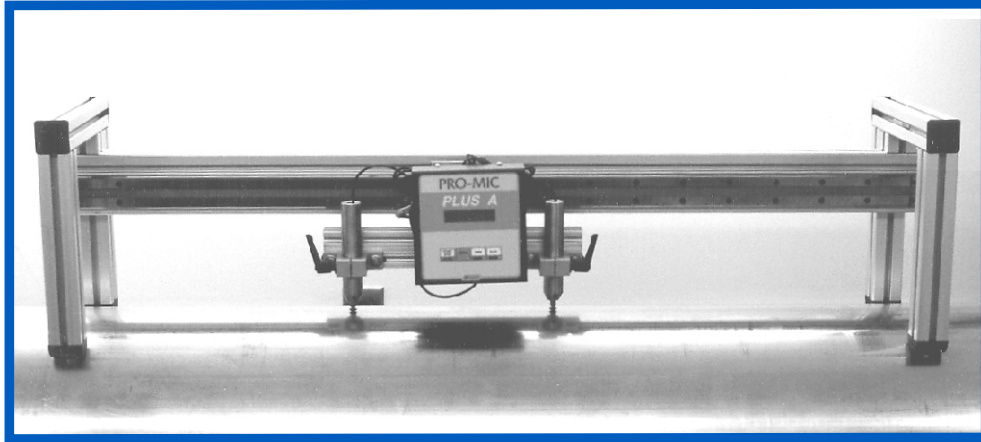


PRO-MIC

Electronic Roll Measurement Systems

Reliability, Repeatability and 3-Button Routine Operation

PRO-MIC SPANNER System II



48" Long PRO-MIC SPANNER Shown on 14" Diameter Roll

Now you can profile in place: table rollers, coil box bending/forming and cradle rollers, descaling box top and bottom entry and exit pinch rolls, downcoiler blocker rolls, top and bottom pinch rolls, furnace rolls, processing line rolls and even back up rolls.

Only 90 degrees of arc of accessible roll surface are required for SPANNER operation.

This is not a saddle micrometer mounted PRO-MIC. The TRUE End-to-End electronics is mounted on a unique carriage which traverses a precision linear bearing approximately the length of the roll body. The LVDTs are mounted to reach beyond the support feet of the unit. The support feet sit on the roll as close as possible to the ends of the body in order to rest on clean, unworn surfaces.

The SPANNER may be used in positions from vertically above the roll to vertically beneath a roll or anywhere in between.

Since the SPANNER LVDTs contact the roll only on one side without opposing contact, the SPANNER does not measure taper. Unlike the saddle micrometer mounted PRO-MIC units we are all used to - which read out and measure diameter based crown - the SPANNER measures, reads out and plots radial crown and shape.

The SPANNER is intended for one man operation for profiling table rollers. In other orientations, help is needed to hold the unit, assist in positioning and propelling the electronics carriage along the linear bearing.

The SPANNER is ready to fit into preventative maintenance programs and can optionally store the data in a P.C. for long term wear analysis.

Call us at 1-800-PRO-MIC-1 for answers to your questions or to schedule a demonstration in your facility or our Norristown, PA offices.