



**Mahr Federal To Feature Enhanced MarCal Digital Caliper Line At IMTS 2010**

- Award-winning ergonomic design includes thumb support, large display, data output function, longer battery life

PROVIDENCE, RI -- Mahr Federal will be featuring a new generation of its popular line of MarCal digital calipers at IMTS, September 13-18, 2010, at McCormick Place, Chicago. Included in the line are a number of innovations, such as lapped guideways, a new Reference System which retains the zero position setting, and an increased number of product options and accessories. MarCal digital calipers are available with protection against dust and immersion to class IP67, provide increased battery life, offer a range of data output options, and are available in a wide range of sizes, and blade and anvil configurations. The design recently won a German award for excellence in innovation and quality. Mahr Federal will occupy booth #E-5048.

The new Reference System available on MarCal R-designated digital calipers is designed to be a significant time-saver for operators. Unlike older models, which require the zero position to be reset whenever the caliper is switched on, the MarCal Reference System retains the zero setting, so that the unit is ready to measure whenever it is turned on or the jaws are moved. A convenient Reference Lock protects the setting from operator error, and the new Reference System is also much more energy efficient, providing up to 50% longer battery life.

<p><b>Mahr Federal Inc.</b>          1144 Eddy Street          Providence, RI 02905 USA</p> <p>Phone: 401/784-3100          Fax: 401/784-3246  <a href="http://www.mahr.com">www.mahr.com</a></p>	<p>Precision Gages          Hand Tools          Dial and Digital Indicators          Mechanical Gages          Air Gages • Electronic Gages          Height and Length Gages          Gage Repair and Calibration          Design and Build</p>	<p>Metrology Systems          Form Metrology          Gear Metrology          Precision Length Metrology          Surface and Contour Metrology          Laser/Optical/Touch Probe CMM's          Repair and Calibration          Rotary Stroke Bearings</p>
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Also on display at Mahr Federal's IMTS booth #E-5048 will be:

- A new option package for Mahr Federal's well-known MarForm MMQ 200 Formtester which provides the measurement of surface finish parameters according to accepted ISO, ASME, and JIS standards. With the combined hardware/software MMQ 200 Surface Finish option, operators will benefit from reduced set-up and measurement cycle time, and reduced cost, by needing only a single piece of equipment for both form and surface measurements.
- The new MarSurf<sup>®</sup> UD 120 from Mahr Federal which can generate both surface and contour measurements in a single pass. Designed for economy, the system provides high accuracy over a large measuring range in nanometer resolutions. The MarSurf UD 120 includes both automated motorized operation and joy-stick control, along with a patented magnetic probe mounting feature that not only prevents probe damage, but allows probe changes in seconds and without any additional tools.
- The new Digimar<sup>®</sup> 816 CL Height Gage which provides highly accurate measurements without complicated procedures. Robust design and user-friendly operation combine with advanced features and functionality to improve dimensional measurement on the shop floor or in the lab.
- The Precimar Linear 100 which is a universal, user-friendly length measuring instrument for rapid, precise internal and external measurements up to 100 mm (4 in), directly in the manufacturing environment. The unit includes the new MarCheck Display which makes it easy to transfer measured data to PCs.
- A new 800 EW Digital Test Indicator which is shockproof, anti-magnetic, protected against coolants and lubricants to IP65, offers data output via USB or OPTO or RS 232C, and battery life of up to two years.

A full range of other Mahr Federal handheld gages and other dimensional metrology products will also be on display.

Mahr Federal Inc., a member of the Mahr Group, is known worldwide for its expertise in providing dimensional measurement solutions. The ISO 9001:2000-certified company is headquartered in Providence, RI, and manufactures and markets a wide variety of dimensional metrology products. Mahr Federal's calibration system is accredited to ISO 17025 NVLAP Lab Code 200605-0.

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