

NEW Mercury Measurement Arm

Leading the way in accuracy and precision for metrology applications.

The new 6-Axis Mercury Measurement Arm from well-known Italian manufacturer Tomelleri is the most accurate measurement arm currently on the market for this measuring volume.

Featuring a unique counter-balance system that makes the arm ergonomic and easy to use, the Mercury is compact and sturdy, and does not need to be affixed to a table surface. Simply place on a solid interface like a steel or aluminium base with three support points, and the arm is ready for use.

The Mercury Measurement Arm works seamlessly with a number of leading software platforms, including Aberlink's 3D measurement system and the Geomagic suite of software.

Available in both 1.3m and 1.8m models, the Tomelleri Mercury Measurement Arm is lighter, more ergonomic and more accurate than any other CMM we've tested.



Leussink

Think. Solve. Engineer.

Key Features

- Mass counter-balance system
- Button functionality at your fingertips
- Does not require fixation
- Bluetooth connectivity
- Portable battery pack available
- Interchangeable probe
- Thermally compensated for changes in temperature
- Compatible with all software solutions
- Available in 1.3m or 1.8m diameter measuring range
- Supported by Leussink after sales service, training on device and software, and calibration services

Ideal for qualifying and reverse engineering

From unprecedented efficiencies in deviation analysis to sheer accuracy in reverse engineering, the Mercury Measurement Arm will revolutionise your workflow, delivering returns above and beyond your expectations through improved quality, accuracy and efficiency.

Given the potential life span of some machinery, by the time a new major part is required, it may no longer be in production, or it may be too expensive to replace. The Mercury Measurement Arm, combined with industry leading software, makes it more feasible and economical to reverse engineer obsolete components that form part of an expensive plant or equipment.

“ We believe a Tomelleri metrology solution from Leussink will deliver returns above and beyond your expectations, saving you time, money and improving accuracy on jobs. ”

Specifications

	Point Repeatability	Volumetric Accuracy	MPEp	MPEe
Mercury 1300 (SPM6013)	0.010mm	0.020mm	0.008mm	$0.005 + L\sqrt{50} < 0.015\text{mm}$
Mercury 1800 (SPM6018)	0.012mm	0.024mm	0.008mm	$0.005 + L\sqrt{40} < 0.018\text{mm}$

Any value in this table is reported as Maximum Permissible Error

MPEp is the Maximum Permissible Probing Error according to the ISO 10360-2 standard

MPEe is the Volumetric Length Measuring Error according to the ISO 10360-2 standard



The newest addition to the Tomelleri family

The Mercury Measurement Arm joins the range of metrology solutions offered by Leussink, along with the SPACEPlus arm and Explorer arm. As the sole supplier of Tomelleri Articulated Measuring Arms in Australia & NZ, Leussink can package up a metrology solution that suits your business, coupled with after sales support, access to the latest accessories and compatible software, one-on-one training, and calibration services. Contact us today for more information or to book a free demonstration.