

iSF^{Shop Floor CMM}

**MAKE IT
MEASURE IT**

...on the shop floor



iSF 04.04.04 with MH20i probe head

Take control of your measurement challenges

iSF brings metrology to the shop floor, empowering production teams with an easy to use solution for everyday quality control

Contact us to book your demonstration

www.LKmetrology.com

iSF^{Shop Floor CMM}

A shopfloor-ready CMM designed to make precision measurement effortless from day one. Forget complex setups, long training, and production downtime. iSF is fully operational within hours, and its intuitive interface empowers operators to measure confidently from the start.

Powered by zero-maintenance linear motors, iSF eliminates compressed air, lubrication points, and unexpected downtime. Its rigid portal construction and movable granite table deliver stability and accuracy while providing easy access for both manual and robotic loading.

With one-click program execution, iSF makes measurement smooth, fast, and repeatable—whether you're inspecting a single prototype or running high-volume production, the included CAMIO measurement software delivers results that are easy to understand for everyone.

Built for real-world environments, iSF integrates thermal compensation, high-precision guideways and 0.1µm resolution linear scales, for consistent accuracy on the shopfloor.

Expand the capability of your iSF even further with optional upgrades such as active vibration isolation, automatic stylus cleaning, tool changers, status lights, and part recognition.

Probing Systems

Manual Heads	MH20i, PH6M
Motorized Heads	PH10M, PH20
Touch Trigger Probe	TP20
Scanning Probe	SP25M

Model Sizes

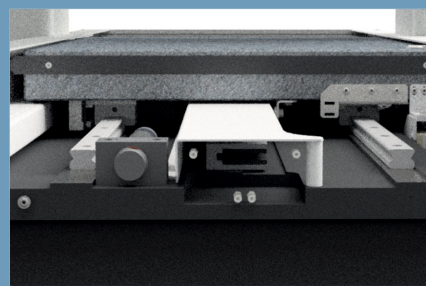
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Performance

Volumetric Accuracy	from 2.2 µm +L/333
Repeatability	from 1.6 µm
Probing Accuracy	from 2.2 µm
Velocity	up to 800 mm/s
Acceleration	up to 2,000 mm/s ²



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✓ Maintenance-free

With a moving Granite Table and a high-rigidity Steel Portal, the iSF offers a low-wear, rigid CMM design.



✓ Monitor & Accessories

Optional left and right side arm mounting for monitor, keyboard and controller.



✓ Integrated Control

Integrated Renishaw controller, protected by transparent door.



✓ Easy Installation

One cable for easy plug and play installation. No air required.