

ALTERA^{SLHA}

Ultra-accurate
Bridge CMM



ALTERA SLHA 15.10.8 with PH10MQ and TP200

Sub-micron accuracy for exacting levels of precision

Every aspect of the ALTERA SLHA has been optimized around the desire for ultra-accurate measurements. Metrology institutes and calibration laboratories trust the performance of the raised guideway design and flexibility of the ceramic technology moving bridge for a variety of research and industrial metrology applications, and wherever precision components demand exacting measurements.

Contact us to book your demonstration

www.LKmetrology.com

ALTERA^{SLHA}

The ALTERA SLHA CMM is the most advanced high accuracy system on offer from LK Metrology today and is among the highest accuracy CMMs available on the market. The advanced multi-sensor ready technology optimizes the CMM throughput and provides the opportunity to broaden the application scope to new materials and components as customer needs change.

Probe heads

	PH10MQ PLUS	SP80
		
Head Type	Indexing Head	Fixed
Head Positions	720	-
Angular Tilt	0 to +105° in 7,5° steps	-
Angular Rotation	0 to +180° in 7,5° steps	-
Touch Probe	TP20, TP200	SP80
Scanning Probe	SP25M	SP80
Laser Scanner	VIVID SLK, LC15Dx, L100, XC65Dx/LS	-

Model Sizes

8.7.6	10.10.8	15.12.10
10.7.6	15.10.8	20.12.10
15.7.6	20.10.8	25.12.10
	25.10.8	

(Measure volume = xxxx00mm)

Performance

Volumetric Accuracy	from 0.7 µm +L/600
Repeatability	from 0.5 µm
Probing Accuracy	from 0.9 µm
Velocity	from 310 mm/s
Acceleration	from 560 mm/s ²



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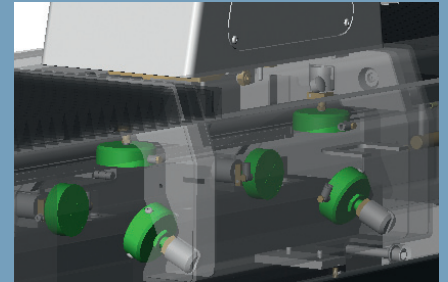
LK Metrology's ceramic technology CMM is guaranteed to maintain its original specification for a period of 10 years*

*Conditions apply, see LK Metrology website for full details.



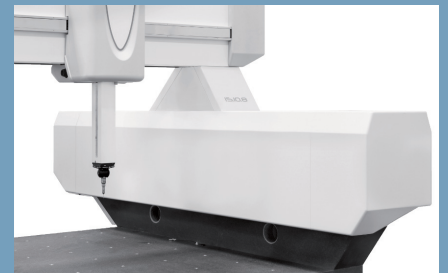
✓ Enduring Accuracy

Ultra-stable ceramic bridge and spindle guideway with high resolution 0.05 µm optical scales for volumetric accuracies as low as 0,7 µm +L/600.



✓ Precise Motion

Granite dove-tail table guideway with unique single orifice grooved pre-loaded air bearings for precise motion control at high speeds.



✓ Raised Guideway

Provides ultrafast dynamics, increased stiffness and stability of the metrology frame for optimized scanning performance.



✓ Shop Floor Ready

CMM automation for in-line and stand-alone shop floor measurement solutions with guideways protected from airborne contaminants.