

ALTERA^C

Small-sized
Bridge CMM



ALTERA C 7.7.5 with PH10M and TP200
with optional keyboard and monitor arm

Ideal first step into automated inspection

ALTERA C is ideal for all types of precision metrology applications in quality labs, production areas and technology centres. With easy-to-use software and versatile probing options, ALTERA C is ideal for quality professionals taking their first steps in building up an automated inspection capability.

Contact us to book your demonstration

www.LKmetrology.com

ALTERA^C

Faster and more precise than similar sized CMMs, ALTERA C provides the performance and flexibility needed to keep pace with a wide range of series product related metrology tasks. With easy-to-use software and choice of sensor technology, including touch trigger, scanning and non-contact, ALTERA C provides a future-proof platform ready for additional capacity and new technology.

Probe heads

	PH6M	MH20i	PH10T PLUS	PH10M PLUS	PH20
					
Head Type	Fixed (vertical)	Manual Indexing	Indexing Head	Indexing Head	5-axis continuous
Head Positions	-	168	720	720	Infinite
Angular Tilt	-	0° to +90° in 15° steps	0 to +105° in 7,5° steps	0 to +105° in 7,5° steps	±115°
Angular Rotation	-	±180 in 15° steps	0 to +180° in 7,5° steps	0 to +180° in 7,5° steps	Infinite
Touch Probe	TP20, TP200	Integral	TP20, TP200	TP20, TP200	Integral
Scanning Probe	SP25M	-	-	SP25M	-
Laser Scanner	-	-	-	VIVID SLK, LC15Dx, L100, XC65Dx/LS	-

Model Sizes

7.7.5	10.7.7	12.9.7
10.7.5		15.9.7

(Measure volume = xxxx00mm)

Performance

Volumetric Accuracy	from 1.7 µm +L/333
Repeatability	from 1.5 µm
Probing Accuracy	from 1.7 µm
Velocity	from 720 mm/s
Acceleration	from 1,900 mm/s ²



ALTERA C 10.7.5 with PH10M and TP200



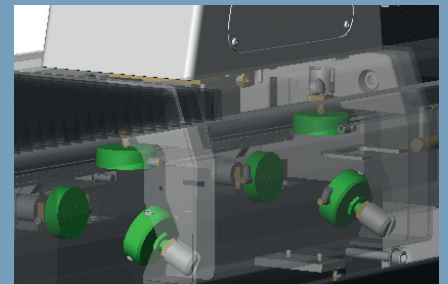
LK Metrology's ceramic technology CMM is guaranteed to maintain its original specification for a period of 10 years*

*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 1.7 µm + L/333.



✓ Precise Motion

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



✓ Anti-vibration

Self-levelling vibration isolation for optimum performance in areas subject to high levels of low frequency vibration.



✓ Shop Floor Ready

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