

ALTO 6.5.5

Optimized metrology
for small parts



ALTO 6.5.5 with PH20

ALTO provides the best balance of price and performance for your cost, accuracy and throughput needs

Optimized for the new challenges of dimensional quality control, where parts are becoming smaller, designs more complex and design limits are narrowing. ALTO is ideal for production areas and quality control rooms where space is limited.

Contact us to book your demonstration

www.LKmetrology.com

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ALTO is a compact CMM with ingenious space-saving features such as the half-gantry design with no over-hanging guideways, fully integrated electronics, retracting PC screen arm and open access from three sides for easy part loading. Supplied with automated stylus changing as standard, ALTO is available with a standard motorized indexing probe head, or the latest high-performance 5-axis probe system for maximum efficiency.

Probe heads

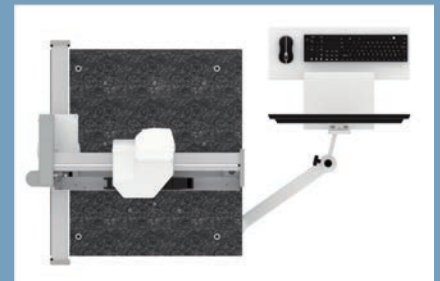
	PH6M	MH20i	PH10T PLUS	PH10M PLUS	PH20
					
Head Type	Fixed (vertical)	Indexing manual	Indexing Head	Indexing Head	5-axis continuous
Head Positions	-	168	720	720	Infinite
Angular Tilt	-	0° to +90° in 15° steps	0 to +105° in 7,5° steps	0 to +105° in 7,5° steps	±115°
Angular Rotation	-	±180 in 15° steps	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	-

Performance

Measure Volume	600 x 500 x 500 mm
Volumetric Accuracy	from 2.5 µm + 3,0 L/1000
Repeatability	from 2.3 µm
Probing Accuracy	from 2.5 µm
Velocity	from 500 mm/s
Acceleration	from 1,500 mm/s²



ALTO 6.5.5 with PH20 5 axis head



✓ Compact CMM

LK employs high-tech aluminium alloy for the structure and guideways of its Aluminium Technology range of CMMs.



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✓ Half-gantry Design

With access from three sides for part loading, ALTO is ideal for production areas or quality control rooms.



✓ Integrated Electronics

Fully integrated electronics and retracting monitor arm, with optional desk unit with controller mounting (for PH20 only).