

ALTERA^{SF}

**MAKE IT
MEASURE IT**

...on the shop floor



ALTERA SF 20.12.10 with PH10MQ PLUS and TP200

Built to thrive in tough conditions

In today's fast-paced manufacturing environment, precision cannot wait for lab reports. That is why ALTERA SF is engineered to deliver lab-grade accuracy directly on the shop floor, where production happens.



Contact us to book your demonstration

www.LKmetrology.us

ALTERA^{SF}

ALTERA SF withstands temperature shifts, vibrations, dust, grime and the daily demands of a production setting. By eliminating the delays of off-floor inspection, ALTERA SF empowers quality teams to detect issues early, improve process control, and keep production running smoothly without compromising throughput. To ensure consistent accuracy, reliability, safety and user-friendly operation, ALTERA SF incorporates a range of advanced features tailored to maintain performance and integrate seamlessly into manufacturing workflows.

Probe heads

	PH10MQ PLUS	REVO 2
		
Head Type	Indexing Head	5-axis
Head Positions	720	Infinite
Angular Tilt	0 to +105° in 7,5° steps	-100° to 120°
Angular Rotation	0 to +180° in 7,5° steps	Continuous
Touch Probe	TP200	-
Scanning Probe	SP25M	RSP2, RSP3
Laser Scanner	SLK25, LC15DX, L100NX, XC65DX	-

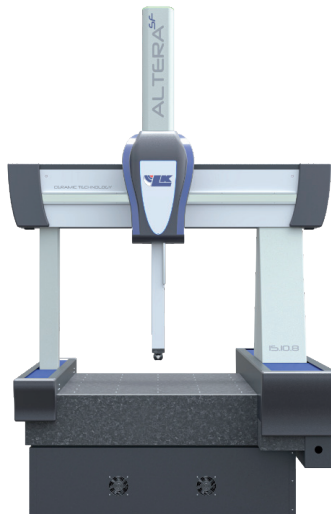
Model Sizes

10.10.8	15.12.10	20.15.12	30.15.15
15.10.8	20.12.10	25.15.12	40.15.15

(Measure volume = xxxx00mm)

Performance

Volumetric Accuracy	from 1.5 µm +L/375
Repeatability	from 1.5 µm
Probing Accuracy	from 1.4 µm
Velocity	from 830 mm/s
Acceleration	from 2,815 mm/s ²



ALTERA SF 15.10.8 with PH10MQ Plus 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.



✓ Ingress Protection

Guideways protected from contamination, accidental damage and thermal influences.



✓ Air Wash System

Avoids temperature imbalances under the CMM table, ensuring stability even in uncontrolled environments.



✓ 360° Status Light

Full visibility of the CMM operational status including run, idle, and error conditions.



✓ Intelligent AVM

Maintains CMM performance in environments with low-level vibration, such as workshops.

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