

ALTERA^C

Trustworthy technology
for precise measurement
at an affordable price



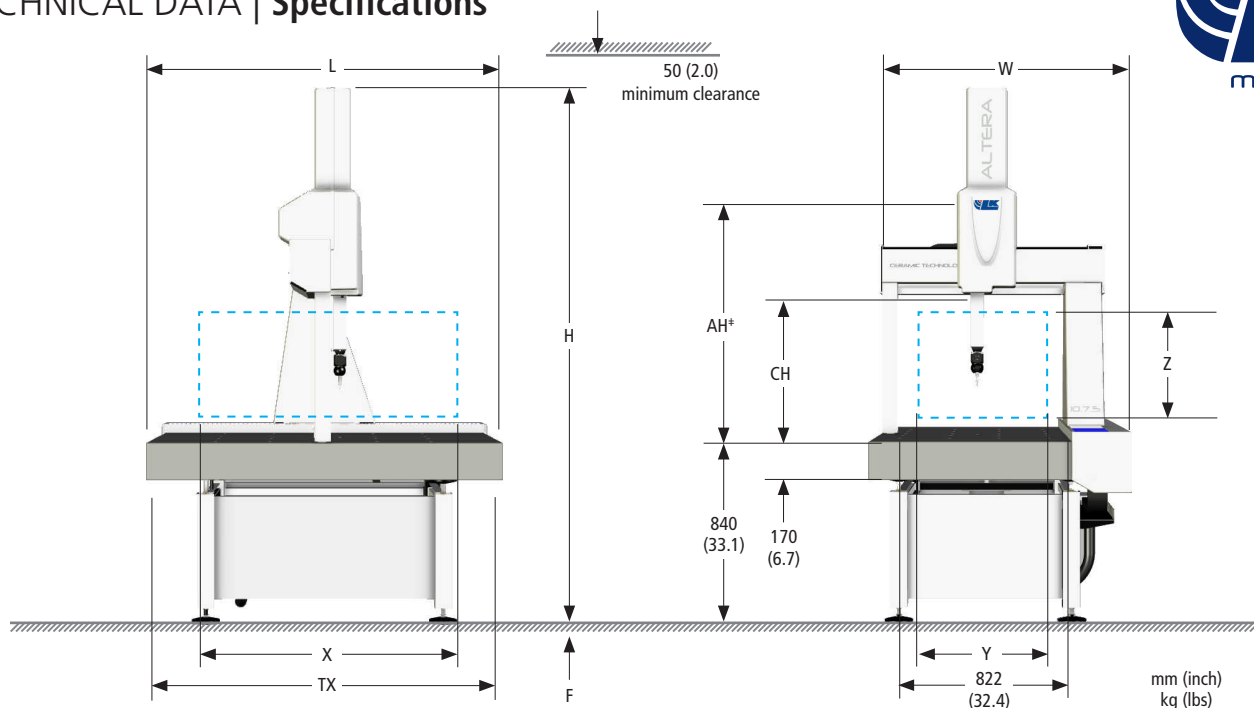
Model shown: ALTERA C 7.7.5 with swivelling keyboard and monitor arm, on-board controller and PC, PH10M probe head, TP200 performance probe and CAMIO software.

The compact all-in-one multi-sensor CMM

With superior technology, advanced features and a small footprint, the multi-sensor ALTERA C is ideal for all types of precision measurement in quality labs, production areas and technology centres.

Contact us now to book your demonstration

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	Travels			Overall			Table		Clearance		Floor	CMM
	X	Y	Z	L	W	H	TX	Max. Load ¹	CH	AH	F	Weight
7.7.5	700 (28)	650 (26)	500 (20)	1360 (53.5)	1180 (46.5)	2533 (99.7)	1330 (52.4)	650 [1433]	688 (27.1)	1335 (2943)	50 (2.0)	1018 [2244]
10.7.5	1000 (39)	650 (26)	500 (20)	1660 (65.4)	1180 (46.5)	2533 (99.7)	1630 (64.2)	700 [1543]	1688 (27.1)	1335 (2943)	55 (2.2)	1104 [2434]
10.7.7	1000 (39)	650 (26)	650 (26)	1660 (65.4)	1180 (46.5)	2833 (111.5)	1630 (64.2)	700 [1543]	838 (33.0)	1485 (3274)	55 (2.2)	1114 [2456]

Maximum table loading only permissible with workpiece positioned inside area defined by table support centers.

Probe Heads

	MH20i	RTP20	PH10T PLUS	PH10M PLUS	PH20
					
Head type	Manual head	Automatic head	Indexing head	Indexing head	5-axis head
Head positions	168	168	720	720	Infinite
Angular tilt (A)	0° to +90° 15° steps	0° to +90° 15° steps	0° to +105° 7.5° steps	0° to +105° 7.5° steps	±115°
Angular rotation (B)	0° to ±180° 15° steps	0° to ±180° 15° steps	0° to ±180° 7.5° steps	0° to ±180° 7.5° steps	Continuous

Touch Probe Accuracy

		TP20 PH10T/M PLUS MH20i/RTP20	TP200 PH10T/M PLUS	SP25M PH10M PLUS	PH20
Length measurement at 18°C to 22°C	EO MPE E150 MPE	1.7+L/333	1.7+L/333	1.7+L/333	1.7+L/333
Probing accuracy	from PFTU MPE	2.2	1.7	1.7	2.2
	from MPE T _{ij} time MPT t	-	-	4.0 /59 sec	-
Repeatability	RO MPL	1.5	1.5	1.5	1.7

Dynamics

	7.5	7.7
Acceleration	1900 mm/sec ²	1900 mm/sec ²
Velocity	720 mm/sec	720 mm/sec

...we are metrology