

# ALTERA<sup>C</sup>

Trustworthy technology  
for precise measurement  
at an affordable price

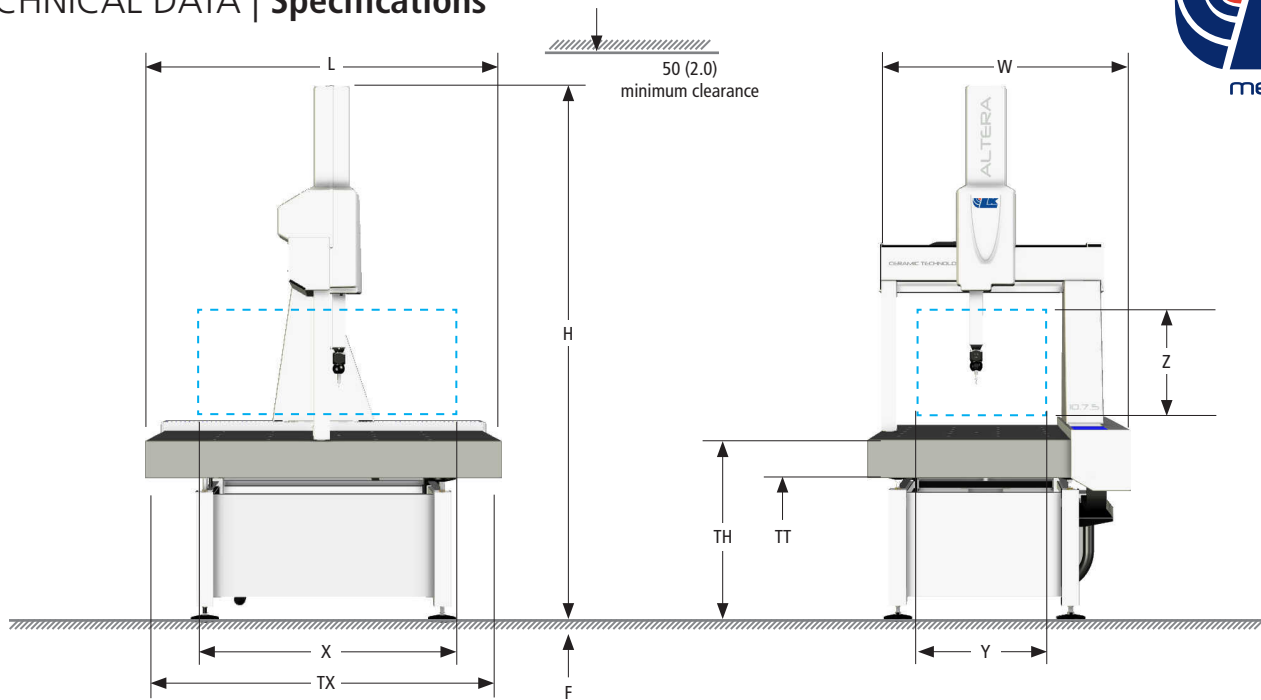
Model shown: ALTERA C 7.7.5 with swivelling keyboard and monitor arm, on-board controller and PC, PH10M probe head, TP200 performance probe and CAMIO software.

## 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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mm (inch)  
kg [lbs]

	Travels			Overall			Table			Part Weight		Floor	CMM
	X	Y	Z	L	W	H	TX	TH	TT	Standard	Maximum	F	Weight
<b>7.7.5</b>	700 (28)	650 (26)	500 (20)	1360 (53.5)	1180 (46.5)	2533 (99.7)	1330 (52.4)	840 (33.1)	170 (6.7)	650 [1433]	1459 [3217]	50 (2.0)	1018 [2244]
<b>10.7.5</b>	1000 (39)	650 (26)	500 (20)	1660 (65.4)	1180 (46.5)	2533 (99.7)	1630 (64.2)	840 (33.1)	170 (6.7)	700 [1543]	1272 [2804]	55 (2.2)	1104 [2434]
<b>10.7.7</b>	1000 (39)	650 (26)	650 (26)	1660 (65.4)	1180 (46.5)	2833 (111.5)	1630 (64.2)	840 (33.1)	170 (6.7)	700 [1543]	1272 [2804]	55 (2.2)	1114 [2456]
<b>12.9.7</b>	1200 (47)	850 (33)	650 (26)	1860 (73.2)	1380 (54.3)	2863 (112.7)	1830 (72.0)	870 (34.3)	200 (7.9)	920 [2028]	1753 [3865]	70 (2.8)	1572 [3466]
<b>15.9.7</b>	1500 (59)	850 (33)	650 (26)	2160 (85.0)	1380 (54.3)	2863 (112.7)	2130 (83.9)	870 (34.3)	225 (8.9)	1092 [2407]	1539 [3393]	81 (3.2)	2022 [4458]

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	0° to +90° in 15° steps		0° to +105° in 7.5° steps		±115°
Angular rotation	0° to ±180° in 15° steps		0° to ±180° in 7.5° steps		Continuous

Accuracy

TP200 / SP25 probe

		x.7.5	x.7.7	x.9.7
Length measurement (µm) at 18°C to 22°C	E0 / 150 MPE	1.7+L/333	1.7+L/333	1.9+L/375
Length measurement (µm) at 16°C to 26°C	E0 / 150 MPE	2.0+L/220	2.0+L/220	2.2+L/260
Probing accuracy (µm)	form PFTU MPE	1.7	1.7	1.9
Repeatability (µm)	RO MPL	1.5	1.5	1.7

Dynamics

Acceleration (mm/sec <sup>2</sup> )	1903	1855	1855
Velocity (mm/sec)	722	722	722

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