

## Technical Specifications

			Crysta Plus-M				
			443	544	574	776	7106
Measuring range	X axis	[mm]	400	500		700	
	Y axis		400	400	700	700	1000
	Z axis		300	400		600	
Workpiece	max. height	[mm]	480	510		800	
	max. mass	[kg]	180	180		500	800
Workpiece clamping	Number of threaded bores M8		13	9	13		
Length measuring accuracy *1 DIN EN ISO 10360-2:2002	MPE <sub>E</sub>	[ $\mu$ m] L in [mm]	3 + 0,4 L/100	3,5 + 0,45 L/100		4,5 + 0,45 L/100	
Probing error DIN EN ISO 10360-2:2002	MPE <sub>P</sub>	[ $\mu$ m]	4			5	
Thermal error compensation (optional) *2		[°C]	15 - 30	16 - 26		15 - 30	
Resolution of length measuring systems		[mm]	0,0005				
Guidance	Air bearings on all axes						
Fixing of axes	Pneumatic system for quick clamping on all axes				Pneumatic system for quick clamping on all axes, at mobile box		
Measuring stage	Material		Granite				
	Dimensions	[mm]	624 x 805	638 x 860	638 x 1160	900 x 1440	900 x 1740
Air consumption	[l/min] at [MPa]		12,5 / 0,35	12,5 / 0,4			
Air source	[l/min] at [MPa]		25 / 0,5 - 0,9				
Dimensions	Width	[mm]	981	1082		1460	
	Depth		1047	1078	1458	1717	2017
	Height		1967	2285		2840	
Mass incl. stand		[kg]	410	495	615	1560	1800

Probe used for accuracy specification: TP20, MH20 or MH20i with sensor D= 3 x 10 mm

\*1: At 20°C +/-1°C

\*2: Temperature gradients: 2 K / h, 5 K / 24h; vertical 1 K / m, horizontal 1 K / m