

Technical Specifications

				CARBstrato
Measuring range	X axis	[mm]		6000
	Y axis			1600
	Z axis			2400
Length measuring accuracy DIN EN ISO 10360-2:2002 with TP2, TP20	MPE 16°C - 26°C *1	Single	[μm] L in [mm]	18 + 20 L / 1000; <= 70
		Dual		38 + 30 L / 1000; <= 90
Measuring speed			[mm/s]	1 - 10
Drive speed			[mm/s]	max. 866
Max. acceleration			[mm/s ²]	2000
Guide method				X linear guidance; Y, Z air bearings
Resolution of length measuring systems			[mm]	0.0001
Max. measuring ranges		X axis	[mm]	18000

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

Products of this series come equipped with a safety system for the detection of potential function-impairing vibration to the measuring system. Activation of the security system leads to a time-delayed system shut-off. Uninterrupted functioning of the measuring device may be secured with a timely release of the security system by Mitutoyo service personnel.