

Coordinate Measuring Machine CMM HST series



Application:

HST series coordinate measuring machine combines single-point probing and analog scanning in a single high performance measuring machine also can equipped with contact and non-contact probe system. Based on the new generation of controller combines and optimizes temperature and accuracy compensation systems and advanced algorithms to support high-speed, high-accuracy analog open and closed loop scanning.

Standard:

ISO180, ASTM D256 and the equivalent.

Technical parameter:

Model	HST 575	HST7106	HST 9128
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resolution ratio(um)	0.5	0.5	0.5
indicating error(um)*	$1.8 + 3.3L/1000$	$2.0 + 3.3L/1000$	$2.3 + 3.3L/1000$
measurement error(um) *	1.8	2.0	2.3
measuring range(Dx*Dy*Dz, mm)	500*700*500	700*1000*600	900*1200*800
carrying capacity (kg)	1000	1200	1500
external dimensions (Lx*Ly*Lz, mm)	1292*1789*2426	1492*2089*2626	1692*2289*3026
Weight (kg)	About 1,080 kg	About 1,800 kg	approx. 2240 kg

Model	HST 10128	HST 10158	HST 121510
Resolution(um)	0.5	0.5	0.5
Indication Error(um)*	$2.5 + 3.3L/1000$	$2.8 + 3.3L/1000$	$3.5 + 3.3L/1000$
Measurement Error(um) *	2.5	2.8	3.5
Measuring Range(Dx*Dy*Dz, mm)	1000*1200*800	1000*1500*800	1200*1500*1000
Load Capacity(kg)	1600	1700	1800
Dimension(Lx*Ly*Lz, mm)	1790*2430*3130	1790*2730*3130	1990*2730*3530
Weight(kg)	approx. 3000 kg	approx. 3410 kg	approx. 4150 kg

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