

3D Manual Video Measuring System HST-T Series



Application:

HST-T Series is the 3D manual type Video Measuring System developed by HST Group

It is designed for 3D measurement like slope, round, bad ditch, columns, sphere, dimensions, blind hole, and other geometrical terms like distance between the elements, angle on the workpiece.

Technical parameter:

Model	HST-2010T	HST-3020T	HST-4030T	HST-5040T
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Table	Metal Table Size (mm)	404*228	500*330	606*466	706*606
	Glass Table Size (mm)	260*160	350*280	450*350	550*450
	XY Stroke (mm)	200*100	300*200	400*300	500*400
	Load Capacity	approx. 15 kg	approx. 20 kg	approx. 30 kg	approx. 35 kg
Weight(kg)		180	260	315	500
Dimensions (L*W*H, mm)		556*540*860	670*660*950	720*950*1020	800*1040*1020
Measuring Targeting System (Standard Accessories)		Camera: TEO™ Color 1 / 2"Color CCD Camera			
		Zoom lens: Pomeas™ zoom lens, magnification 0.7 ~ 4.5X			
		Probe: British RENISHAW™ probe			
		Scale Resolution: 0.5/0.1 μm			

	Video Magnification: 20 ~ 128X FOV:7~1.1mm
Z Stroke	150mm
Accuracy E1*	$E_{x,y} \leq (3.0+L/200) \mu\text{m}$
Accuracy E2*	$E_{xy} \leq (4.0+L/200) \mu\text{m}$
Accuracy E3*	$E_z \leq (3.5+L/150) \mu\text{m}$
Illumination	Surface light and transmission light adopt LED, brightness adjustable
Power	110/220V(AC), 50/60Hz 30W

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