Height Gauges





TESA-HITE 400 / 700

Precision in motion

The two TESA-HITE 400 and 700 height gauges are fitted with the patented, opto-electronic TESA's measuring system with incremental glass scale. Due to their robust and reliable construction, they are ideally suited for dimensional inspection on the shop floor.

Full autonomy is ensured through battery power. Each model allows height or step dimensions, diameters, centre-to-centre distances, groove width and the like to be accurately measured. Excellent price/performance ratio.



TESA-HITE 400/700

<u></u>			
00730043	TESA-HITE 400 height gauge Measuring span 415 mm / <i>16 in</i> Application range 0 ÷ 570 mm/ <i>0 ÷ 22 in</i>		
00730044	TESA-HITE 700 height gauge Measuring span 715 mm / <i>28 in</i> Application range 0 ÷ 870 mm/ <i>0 ÷ 34 in</i>		
Each height	t gauge is supplied with the following standard accessories:		
00760143	1 Standard probe insert holder		
00760227	1 Standard probe insert with shank and 5 mm dia. ball tip in tungsten carbide		
00760219	1 Master piece for establishing the probe constant, nominal dimension to 6,350 mm / 0.2500 in		
00760226	 Electric pump for creating the air-cushion beneath the gauge base, already mounted 		
00760157	1 Rechargeable battery, 6 V		
04761054	1 Mains adapter, 100 ÷ 240 Vac/50 ÷ 60 Hz		
04761055	1 Cable EU for mains adapter		
04761056	1 Cable US for mains adapter		

See table opposite EN 61326, Class B (with disconnected charger)

Shipping packaging

Declaration of conformity

Identification number

SCS SCS calibration certificate

6

No

ļ

Technical data

			TESA-HITE 400	TESA-HITE 700	
		mm <i>in</i>	415 <i>16</i>	715 <i>28</i>	
	With standard accessory	mm <i>in</i>	0 ÷ 570 <i>0 ÷ 22</i>	0 ÷ 870 <i>0 ÷ 34</i>	
	With probe insert holder No. 00760057	mm <i>in</i>	0 ÷ 625 <i>0 ÷ 24</i>	0 ÷ 925 <i>0 ÷ 36</i>	
	With probe insert holder No. S07001622	mm <i>in</i>	0 ÷ 795 <i>0 ÷ 31</i>	0 ÷ 1095 <i>0 ÷ 43</i>	
(33	With μm (2,5+4•L) μm (L in m) standard accessory in (0.0001+0.000004•L) in (L in in)				
	With standard accessory		on flat surfaces: 2δ = <2 μm / <0.0001 in into bores: 2δ = <3 μm / <0.00015 in		
	Frontal, mechanical	µm <i>in</i>	9 <i>0.00035</i>	13 <i>0.0005</i>	
0		kg	27	32	







Height Gauges



Standard Accessories for TESA-HITE 400 / 700

ورار	
04760070	RS port. Used to connect a digital sensor for perpendicularity measurement
04761052	RS 232 connecting cable for PC and TESA PRINTER SPC
04761063	Connecting cable Sub-D 9pin and USB for PC
	Additionnal accessories: see page N-27

One-Dimensional Measurement







Perpendicularity Measurement

Parallelism Measurement





Configuration for Perpendicularity Measurement



