

MODEL	TESTCOM-5 TESTCOM-5/E	TESTCOM-10 TESTCOM-10/E	TESTCOM-20 TESTCOM-20/E	TESTCOM-30	TESTCOM-50
<b>Class ISO 7500-1</b>	0,5 From 1% to 100% FS				
<b>Maximum load</b>	5 kN	10 kN	20 kN	30 kN	50 kN
<b>Force measurement</b>	Universal (tensile-compression) extensometric-bands load cell Additional load cells can be installed				
<b>Measuring Range</b>	From 1 % to 100 % of the load cell nominal capacity				
	50 - 5.000 N	100 - 10.000 N	200 - 20.000 N	300 - 30.000 N	500 - 50.000 N
<b>Force resolution</b>	0,1 N*				
<b>Columns</b>	2 grounded columns, chrome-plated steel				
<b>Ball screws</b>	2 high precision ball screw, with scrapers				
<b>Mobile crosshead</b>	Driven by the ball screws, guided by the 2 columns End of stroke with proximity detectors Automatic return to start test position, defined via WinTes32 software				
<b>Motor drive</b>	Synchronous servomotor (Brushless) with direct drive to screws by Enables displacement and load closed loop control (servocontrol)				
<b>Gear transmission</b>	Motor-pulley and reducer-pulley connecting via HTD precision teeth Adjustable belt-tightening system				
<b>Movement speed range (mm/min)</b>	0,01 a 1000,00			0,5 a 500,00	
<b>Load speed range (kN/s)</b>	Between 1% and 10% of maximum load capacity (others on demand)				
	0,0005 a 0,5 kN/s	0,001 a 1 kN/s	0,002 a 2 kN/s	0,003 a 3 kN/s	0,005 a 5 kN/s
<b>Crosshead position measurement</b>	Encoder			Resolver	
<b>Crosshead position resolution</b>	0,005 mm (5 microns), 1 micron is possible (on demand)			0,001 mm (1 micron)	
<b>Power supply</b>	Single-phase 220V + earth, 50/60 Hz				
<b>Power consumption</b>	1400 W			1000 W	

<b>Vertical free light with load cell, without fixtures</b>	700 mm 1200 mm E version	1100 mm
<b>Horizontal free distance</b>	425 mm	450 mm
<b>Dimensions (mm)</b>	720x510x1320*(h) *1720 mm E version	1800x900x685 mm
<b>Approx. weight without testing fixtures</b>	120 kg 140 kg E version	385 kg
<b>Safety</b>	Emergency push-button, located in the front of the machine	

**TESTCOM-100**

100 kN

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1.000 - 100.000 N

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reducers

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eth belt

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nand)

0,01 a 20 kN/s

icra)

1500W

1300 mm

2015x900x705 mm

525 kg

e