

TIRAtest Materials Testing Machines



TT 2805C
TT28025 (s)hort
TT28025

To test:

2,5/5kN

- **Springs**
- **Paper**
- **Textile**
- **Components**
- **Plastics**
- **Cardboard**
- **Etc.**

Universally applicable material testing machine according to DIN 51220 and EN ISO 7500-1 for tensile, compression and bending tests. The machine is employable for research development, quality control and education.

Type	TT28025	TT28025s	TT2805c
Load frame:			
Max. test force (N):	2.500	2.500	5.000
Max. stroke (mm):	900*	480*	900*
Weight without equipment (kg):	70	55	85
Total height A (mm):	1250	730	1250
Total width B (mm):	460**	460**	460**
Total depth C (mm):	500	500	500
Test area dimensions:			
Height (G) (mm):	980*	540*	980*
Width (E) (mm):	--	--	--
Depth (F) (mm):	90	90	90
Working height (D) (mm):		--	
Measuring, regulation and control electronics			
Interface:	Ethernet		
Extension slots:	Up to 7 slots		
Force resolution:	200.00 steps		
Data logging:	Up to 5 kHz		
Remote control optional:	yes		
Drive unit:			
Motor:	DC-Servomotor		
Set value:	Incremental, ± 15 bits resolution		
crosshead travel (resolution) (mm):	<0,001		
crosshead travel (speed) (mm/min):	0,01 – 1200		0,01 – 750
Electrical connection:			
Connection voltage:	115V, 230V		
Mains frequency:	60Hz, 50Hz		
Power consumption:	200VA		
*Without force transducers and coupling			
**Including EDC			
-Ball screw spindle adjusted without free play of single nuts			
-Force measurement with exchangeable force transducer			
-Force measuring accuracy with 0,5% or 1% according to EN ISO 7500-1 and ASTM E4			
-Further options on request			
- All information is supplied without guarantee.			

