

# Universal Tensile Tester

## According to ISO 527, ISO 6259

### Specifications

		2Tons	5Tons
Test force	kN	5	10
Structure			
Extensometer		○	
Wedge grips		○	
Grips for large wall thickness		○	
Peel test fixture for composite pipes		○	
Compression plates		○	
Permissible ambient temperature	°C	-10 to +40	
Permissible relative humidity		10-90%	
Width	mm	1300	1300
Depth	mm	1100	1100
Height	mm	1800	1800
Weight	kg	270	300

● Included ○ available/optional

- Capacity maximum 20-50-100...KN
- Load resolution 1/10000
- Strength accuracy ≤0.001%
- Displacement resolution 1/1000
- Displacement accuracy ≤0.5%
- Speed range 0.01-300mm/min
- Cross head travel 1000mm (without grips)
- German ball screws, PLC controlled
- Tensile grips for type 1 and 2 according to ISO 6259
- elongation at break and all other tensile and compression parameters by software
- Calculation of yield, UT
- Overload protection
- Travel limit switches
- Manual high speed up and down detachable hand key
- Distance between two columns 350mm
- Power consumption about 2000W
- Windows based software
- Long travel extensometer included
- Type 1&2 cutters for samples according to ISO 6259
- Power 220V-50Hz
- Training video

