



UNIVERSAL TESTER model PU-20



The PU-20 is an universal tester for R&D (research & development) and Q.C. (quality control) of materials and products.

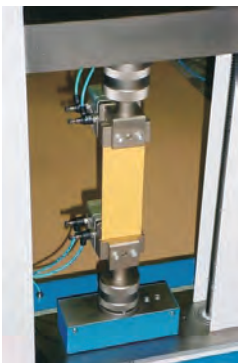
It performs tensile and compression tests with register of load and respective deformation.

This equipment is absolutely user friendly and does not need a computer to be used thanks to its built-in electronics. Its operation can easily be done through its built-in electronics, exclusive intuitive testing software, alphanumeric backlit display and membrane keyboard.

It offers complete statistics, a parallel port for the connection of a local printer and a RS-232 serial port for the connection to a host computer.

MAJOR TECHNICAL CHARACTERISTICS

Maximal capacity	20000 N
Load resolution	0,1% of full scale
Accuracy	± 1% of read point
Selectable testing units	N and kgf
Testing speed (programable)	(10 - 500) mm/min
Approach and return speed	600 mm/min (max)
Stroke length without grips	0 - 600 mm
Deformation resolution	0,1 mm
Width between columns	500 mm



Special custom made testing fixtures

The PU-20 is delivered with one pair of manual grips with 75mm width for tensile tests or one pair of compression plates with diameter 200mm or square 120mm for compression tests. Special custom made fixtures are available under request.

Available load cells: 2000N, 5000 N, 10000 N or 20000 N

All testing devices are interchangeable and are equipped with threaded connection for easy and fast manual exchange.

Several programable testing parameters.

Special stroke length without grips of 1000 mm also available.

Power supply	220 VCA, 50/60 Hz, 220 W, single phase
Dimensions	(830 x 560 x 1500) mm (WxLxH)
Weight	260 kg

Note: due to constant development our equipment design and specifications are subject to change without notice.