

## 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 backlighted display and membrane keyboard.

It offers complete statistics and a RS232 serial port for the connection to a host computer for data transfer or to a local printer.

### 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 (programmable)	(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

*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 programmable testing parameters.*

*Special stroke length without grips of 1000 mm also available.*

Power supply	220 VCA, 50/60 Hz, 220 W, single phase
Dimensions	(839 x 560 x 1504) mm (WxLxH)
Weight	450 kg

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

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## UNIVERSAL TESTER

### Custom fixtures

The custom fixtures offered by REGMED for its Universal Testers PU-2 and PU-20 ensure reduction of test time and increase of test repeatability, combined with a safe and comfortable operation, no matter which product or test has to be done.

These customised fixtures are created based on customer's product and test specification.

They're always supplied with standard threaded connectors which ensure quick and easy exchange of devices.



Rupture of Ampoule



Bottle opening



Rupture of wires



Peel opening force of cups and jars



"Page Pull"



Core compression  
Applicable standards:  
ISO 11093-9

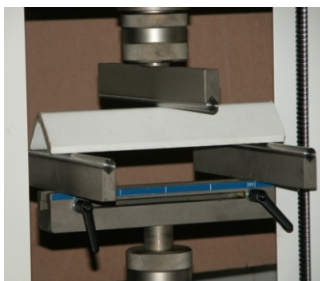
# LINE PC



Deflection of MDF boards



Deflection of plane cement boards



Deflection of paperboard angle plate



Container compression



Opening resistance of flip-top fitting



Extraction of plastic fitting



Compression of plastic bottles



Rupture of plastics packing



Special device for plastic pieces

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