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Product Name :
Hydraulic Universal Material Tester

Product Code :
LBNY-0005-101000114



Description :

Generation of test force via gear pump and doubleacting hydraulic cylinder
Force measurement via full bridge strain gauges with acoustic overload signal, max. Overload 150%
Universal, hydraulically operated trainer for materials testing
Generating compression and tensile forces
Test force and travel velocity adjustable
Led displays for force and displacement with zero and maximum value memory
Displacement measurement via linear potentiometer.

Technical Specification :

Technical Data:

Working area, WxH: 300x925mm
LED displays
Measurement repetition rate: 2,5s-1
6 digits
Measuring Ranges
Force: 0...50kn
Displacement: 0...150mm
Gear pump
Max. Flow rate: 1cm/rotation
Power consumption: 0,55kW
Hydraulic test force generation
Test force: 0...50kn

Max. System pressure: 175bar
Max. piston stroke: 150mm.



Laboratory Instrument India