



### Key features

- Universal testing machine supplied with complete set of jaws for holding bars from 0 to 40 mm for bending test as for rebending it is supplied with jaws of attachment 20mm. for shearing jaw of 12mm and 8 mm is supplied as for tensile 0-15, 15-25, 25-40 is available. This machine is able to do all the four tests as well as compressive test. The setup is provided with a control unit and a four pillar type load frame of 1000kn capacity along with computer software and computer as well. This machine is fully operable via computer and can be controlled with it. Graphical test option available to observe the load in respect with time. The report can further be transferred into excel format and can be analyzed.

### Scope of Supply

- High-strength rigid structure (Loading Frame)
- Pumping unit (Oil source cabinet)
- Digital Load Indicator
- High-precision pressure transmitter
- Pair of compression platens
- High-pressure hose pipe

### Technical Specifications

Parameter	Specification
Capacity	100 ton (1000kN)
Accuracy	0.01 kN
Model Type	4-pillar type
Digital Interface	Compatible with computer software
Test Types	Compression, Bending, Rebending, Shearing, Splitting
Bending Attachment	40 mm
Rebending Attachment	30 mm

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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Parameter	Specification
<b>Shearing Attachment</b>	10 mm, 15 mm, 19 mm
<b>Tensile Jaw Sizes</b>	0-10 mm, 10-25 mm, 25-40 mm
<b>Results Format</b>	Load, Graph, Load vs. Time Graph
<b>Loading &amp; Locking System</b>	Manual
<b>Computer Integration</b>	Included
<b>Software Compatibility</b>	SCADA system software for Excel file transfer
<b>Pace Rate Control</b>	Servo-controlled

**Clamping Features**



- Manual clamping with an adjustable screw for excellent grip
- Integrated lower base with piston for smooth and controlled movement
- Advanced control panel with push buttons and flow control via valve system
- Designed for maximum output with minimal effort

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