

**Product Name :**  
Universal Testing Machine

**Product Code :**  
Universal0001



**Description :**

Universal Testing Machine

**Technical Specification :**

**Universal Testing Machine**

Universal Testing Machine from Civil Mechanical Laboratory India

- The Universal Testing Machine suitable for experiments : Tensile,

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Compression, Bending and Shear testing for all kinds of metal materials and non metal materials such as plastic, Universal Testing Machine for Civil Engineering from Laboratory Equipment Manufacturers India - concrete, cement and so on.

- Frame space : Dual.
- Change between tension and compression test : Quick without removing heavy fixtures.

### **Technical Specifications :**

- Maximum Testing Power : 1000 KN
- Software : PC controlled electro – hydraulic servo UTM software
- Test power precision :  $\pm 1\%$
- Test power distance : 2% – 100% FS
- Displacement measurement : 0.01 mm
- Max. lift speed of testing board : 70 mm/min
- Piston travel : 150 mm
- Maximum tension distance : 700 mm
- Maximum compression distance : 0 – 470 mm
- Clamp diameter of round specimen : 20 – 60 mm
- Clamp thickness of flat specimen : 0 – 40 mm
- Clamp width of flat specimen : 80 mm
- Size of compression plate : 205 x 205 mm
- Bending stick distance : 500 mm
- Bending stick width : 140 mm
- Bending degree allowance : 150 mm
- Oil pump power : 1.5 KW
- Low grip motor power : 1.1 KW
- Distortion testing device : Staff
- Overload protection : 2 – 5%

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## Civil Mechanical India

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