

## UNCONFINED TESTING MACHINE

STANDARDS: ASTM D2166, ASTM D1663, AASHTO T208

Unconfined Testing Machine is used to make Uniaxial Tests.

The device is composed of a robust and compact two column frame with adjustable upper cross beam driven by an electromechanical ram with a maximum capacity of 50 kN.

The testing speed can be set between 0,5 mm/min to 5 mm/min. The test automatically stops when load and displacement is reached to 95% value of the set measuring range.

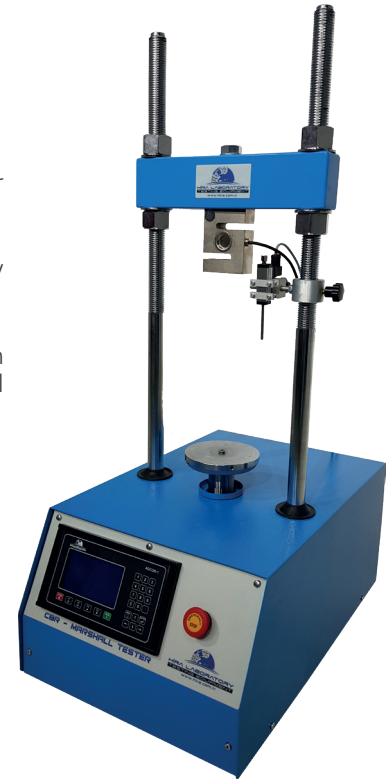
Unconfined Testing Machine is supplied complete with 50 kN Load Cell, 25 mm Displacement Sensor, Digital Readout and Control Unit and Compression Platens with ball seating assembly.

### Technical Specifications:

Product Code	HR-S1000
Product Name	Unconfined Testing Machine
Test Speed (mm/min)	0,5 - 5
Capacity (kN)	50
Dimensions (cm)	40x65x110
Weight (kg)	100
Power Supply	220 V, 50-60 Hz, 1 ph

### Spare Parts & Accessories:

Product Code	Product Name
HR-S1000/1	Unconfined Testing Frame
HR-G0981	Load Cell, 50 kN capacity
HR-G0995	Displacement Sensor, 25 x 0,01 mm
HR-E9000	Digital Readout and Control Unit



HR-S1000

### Spare Parts & Accessories:

Product Code	Product Name
HR-S1010	Compression Platens with ball seating assembly

## CBR & MARSHALL & UNAXIAL TESTING MACHINE

CBR & Marshall & Unaxial Testing Machine is used to make CBR, Marshall and Uniaxial Tests.

The device is composed of a robust and compact two column frame with adjustable upper cross beam driven by an electromechanical ram with a maximum capacity of 50 kN.

The testing speed can be set between 0,001 mm/min to 51mm/min. The test automatically stops when load and displacement is reached to 95% value of the set measuring range.

CBR & Marshall & Unaxial Testing Machine features a microprocessor controlled drive system with an advanced servo motor enabling the operator to easily set any test speed via the membrane keyboard. The keyboard comprises adjustment buttons such as "start", "stop", "down", "up".

CBR & Marshall & Unaxial Testing Machine is supplied complete with 50 kN Load Cell, 25 mm Displacement Sensor and Digital Readout and Control Unit.

The other Test Accessories should be ordered separately according to the test. Compression Platens with ball seating assembly for Uniaxial Tests, Penetration Piston for CBR Tests and Breaking Head for Marshall Tests should be ordered separately.



HR-AS0500  
with  
HR-S5000/1  
HR-S5100