

## HİRA TESTING EQUIPMENT

### DIGITAL POINT LOAD TESTER (ROCK STRENGTH INDEX)

STANDARD: ASTM D5731

Used to determine the strength values of a rock specimen both in the field and in the laboratory.

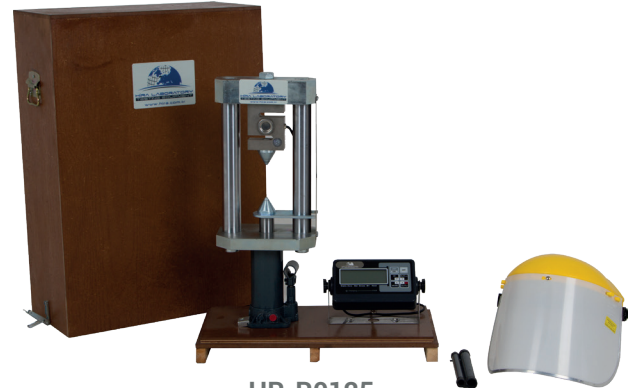
It consists of a load frame for applying loads up to 50 kN or 100 kN, on which a manual hydraulic jack is mounted.

The instrument accepts core specimens up to 4" (101.6 mm) diameter which are loaded by two cone shaped points. A graduated scale indicates the distance between the conical points.

Complete with Manual Hydraulic Jack, Digital Indicator, Safety Mask and Wooden Carrying Case.

#### Spare Parts & Accessories:

Product Code	Product Name
HR-R0125/1	Manuel Hydraulic Jack for HR-R0125
HR-R0130/1	Manuel Hydraulic Jack for HR-R0130
HR-R0125/2	Digital Indicator
HR-R0125/3	Safety Mask
HR-R0125/4	Wooden Carrying Case



HR-R0125

#### Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-R0125	Digital Point Load Tester (Rock Strength Index), 50 kN	40x53x72	25
HR-R0130	Digital Point Load Tester (Rock Strength Index), 100 kN	40x53x72	40

### ROCK CLASSIFICATION HAMMER (LOW IMPACT ENERGY MODEL)

STANDARDS: ASTM D5873

This lightweight and portable impact hammer is used for rock classification tests.

Includes rubbing stone for surface preparation.

The hammer is similar to a device used for many years for strength classification tests of mass concrete.

Cylindrical cores, usually NW size, are held in a horizontal position and the hammer mechanism impacted against the core to obtain rebound readings. A series of readings is taken along the length of the core to get the average rebound number.

The core rock specimen normally NX Ø54,7 mm is held on a special cradle in horizontal position and the hammer tests the same in all its length to obtain average of the readings.

The Rock Cradle is used to hold cores (EX Ø21,46 mm and NX Ø54,74 mm) in place during rock classification test procedures. The cradle incorporates a guide for positioning the hammer to allow for a series of readings along the length of the core.

Rock cradle and Calibration Anvil should be ordered separately.



HR-R0120 with HR-R0110

#### Technical Specifications:

Product Code	Product Name	Impact energy (Nm)	Dimensions (cm)	Weight (kg)
HR-R0120	Rock Classification Hammer (Low Impact Energy Model)	0.74	10X10X36	2

#### Spare Parts & Accessories:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-R0110	Rock Cradle	15x11x31	20
HR-R0115	Calibration Anvil	Ø 15x23	16