



## ROCK TOUGHNESS TESTER

### ●● HR72.380

#### Rock Toughness tester (manual)

##### Introduction

The machine in accordance with IS:2518-1969 and ASTM D-3 and is used for determining the toughness of rock.

Toughness is the resistance offered to fracture under impact, expressed as the final height of blow required by the standard hammer to cause fracture of a cylindrical test specimen. The assembly is mounted on a 50 kg. Cast anvil. The 2 kg. hammer falls freely in the slotted guide sleeve.

The equipment is supplied complete with height pointer, plunger, and specimen holder.

### ●● HR72.381

#### Rock toughness Tester (Motorised)

The tester makes the rock toughness test procedure fully automatic. The operating mechanism lifts the 2 kg. Impact weight in successive centimetre increments. Machine automatically stops when the specimen features. Stroke counter indicates the number of blows taken by the specimen before fracture.

The machine is wired for 220 Volts 50 Hz, single phase supply. All the parts are protected against rust.

### ROCK CLASSIFICATION HAMMER

### ●● HC46.20

#### Rock Classification Hammer

##### Introduction

This light weight and portable compact hammer is used for rock classification test.

Cylindrical cores, usually 'NX' size are held in horizontal position and the hammer mechanism impacted against the core to obtain rebound value. A series of rebound values are taken along the length of the core or rock mass to obtain average value.



HC46.20