

# ROCK CLASSIFICATION HAMMER

Code : K110



- The Rock Classification Hammer is a portable, spring-loaded impact device used to evaluate the surface hardness of rock specimens by measuring rebound values.
- The hammer is applied perpendicularly to the surface of horizontally positioned rock cores, typically of NX or NW size, to obtain rebound readings.
- Multiple measurements are taken along the length of the core to calculate an average rebound number, providing a rapid and non-destructive assessment of rock hardness.
- This method is particularly useful for preliminary site investigations, rock mass classification, and quality control in both field and laboratory settings.
- The device is supplied with a carrying case for ease of transport. A rock cradle, which facilitates consistent positioning during testing, is available separately.

## **STANDARDS**

ASTM D5873 • ASTM C805 • EN 12504-2

## **TECHNICAL SPECIFICATIONS**

- Impact Energy: 0.74 Nm
- Measurement Range: 10 to 60 N/mm<sup>2</sup>
- Hammer Body: Aluminum with integrated indicator scale
- Plunger: Spring-loaded steel mechanism

## **ORDERING INFORMATION**

| Item Name                                  | Item Code |
|--------------------------------------------|-----------|
| ROCK CRADLE                                | K110P001H |
| ROCK CLASSIFICATION HAMMER                 | K110X00XH |
| ROCK CLASSIFICATION HAMMER - Proceq RS8000 | K110X01XH |