



GEOHAMMER

Rock Test Hammer

The Geohammer rock test hammer ISO/DIS 8045
is made in accordance with EN 12 504-2
all major global standards ASTM D5873-14

The Geohammer mechanical rock test rebound hammer was created in the DRC research laboratories, as the result of experimentation carried out in collaboration with the Università Politecnica delle Marche, where different families of stone materials were examined. The Geohammer mechanical rebound hammer is the only instrument available on the market today that can provide correlation between the rebound hardness scale values measured and the compression resistance of the rock tested.

The Geohammer rock rebound hammer is an easy to use instrument that produces accurate and reliable data about the quality of the material tested.



RELIABILITY

All DRC products are constantly subjected to rigorous controls, from concept to fabrication, to testing.

Thanks to the engage of DRC in R&D and collaboration with prestigious Italian and International Universities, Geohammer confirms one of the most safe and efficient instruments among the Non Destructive Testing sector.



ERGONOMICS AND SUSTAINABILITY

DRC carefully selects its suppliers according to quality standard and environmental respect.

The materials used to produce the Geohammer test hammer are the best available in the market.

The instrument is made of a grip rubberized plastic to improve ergonomics and protect in case of accidental impacts.

The Geohammer mechanical test hammer is entirely made in Italy.



FIELDS OF APPLICATION *

- Qualitative surveys of the state of rock material homogenization
- Evaluation of rock material alteration
- Assessment of the JCS coefficient (Joint wall compressive strength)
- An estimate of the rate of penetration for mechanical milling at full section

* For the proper use of the rock test hammer see www.drcitalia.net - Download Area section WebHelp Area.

TECHNICAL SPECIFICATIONS

PERFORMANCE

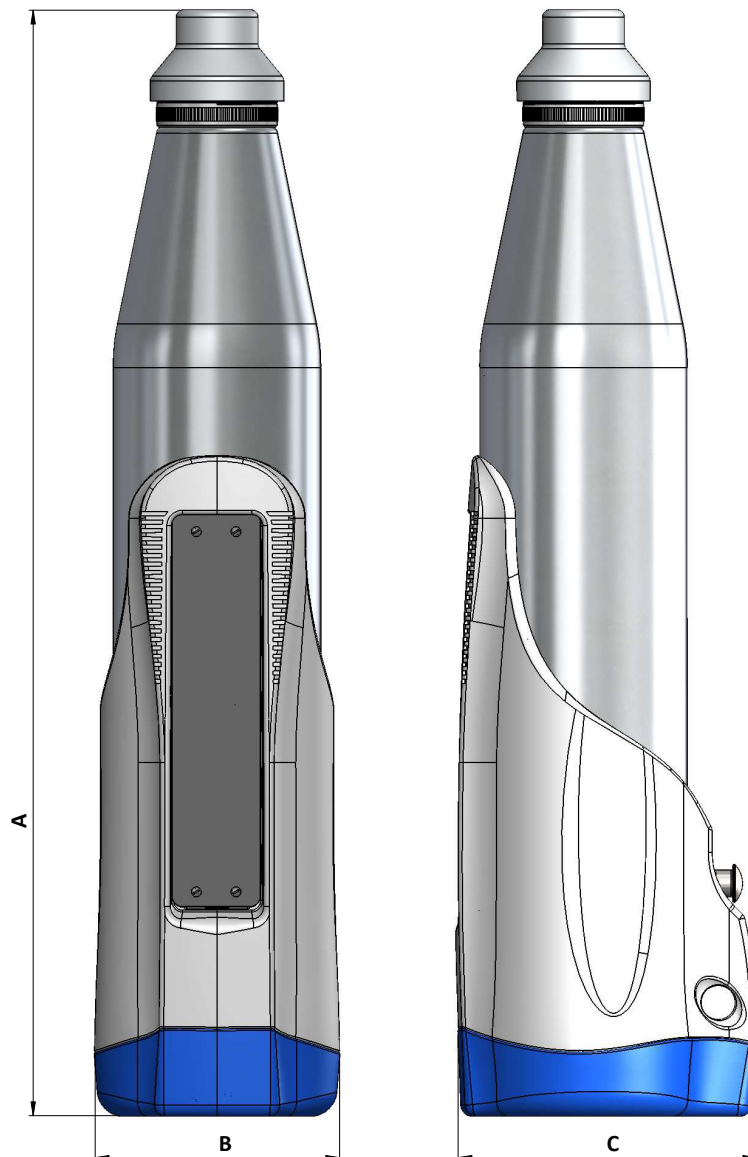
RANGE OF MEASUREMENT	10-200 N/mm ²
IMPACT ENERGY	0,735 Nm
LIMIT THICKNESS TEST	Thickness > 60mm

PHYSICAL

DIMENSIONS	(A)300 x (B)70 x (C)70 mm
WEIGHT	1,3 Kg

MECHANICAL COMPONENTS

EXTERNAL PART	Aluminium lega 6060 - 11S
INTERNAL ORGANS IMPACT	Anodizing oxidation OX
HEAT TREATMENT	NIT-OX
MOVEMENT ROD	Steel INOX 303
HANDLE	Glass-filled nylon



Ordering information

Article code PRF0245DRC



The kit includes:

- Rock Hammer Geohammer
- Abrasion stone
- Plastic case for stone
- Plastic grid 30x30 cm
- Pencil
- Paper note
- Operating manual
- Calibration report
- Rigid case IP67

PACKAGE

DIMENSIONS	340 x 280 x 180 mm
WEIGHT	4,0 Kg

Warranty & Maintenance

24
months

DRC guarantees maintenance service at its center or at authorized centers

DRC
Diagnostic Research Company
Non Destructive Testing

For ordering information please contact:

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