DJB A CMTG COMPANY

# IH/01-50

## Impact Hammer

100mV/N Sensitivity, M5 Connector, 50N pk Measurement Range

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Performance** | |
| **Sensitivity (±10%)** | 100mV/N |
| **Measurement Range** | 50N pk |
| **Non-linearity (% FS)** | ≤5% |
| **Resolution** | 2mN rms |
| **Resonant Frequency** | ≥70kHz |
| **Low Frequency** | 1Hz |
| **Electrical Characteristics** | |
| **Supply Voltage** | 18 to 28V DC |
| **Supply Current** | 2 to 10mA |
| **Bias Voltage** | 10 to 14V DC |
| **Output Impedance** | ≤100Ω |
| **Physical** | |
| **Head Weight** | 15g |
| **Head Diameter** | 14mm |
| **Hammer Length** | 115mm |
| **Hammer Weight (total)** | 20g |
| **Connector** | M5 |

## DEVICE OPTIONS

| | |
|---|---|
| IH/01 | 25mV/N Sensitivity, BNC Connector, 200N pk Measurement Range |
| IH/01-50 | 100mV/N Sensitivity, M5 Connector, 50N pk Measurement Range |
| IH/02 | 2.5mV/N Sensitivity, BNC Connector, 2kN pk Measurement Range |
| IH/05 | 1mV/N Sensitivity, BNC Connector, 5kN pk Measurement Range |
| IH/10 | 0.5mV/N Sensitivity, BNC Connector, 10kN pk Measurement Range |
| IH/20 | 0.25mV/N Sensitivity, BNC Connector, 20kN pk Measurement Range |
| IH/50 | 0.1mV/N Sensitivity, BNC Connector, 50kN pk Measurement Range |


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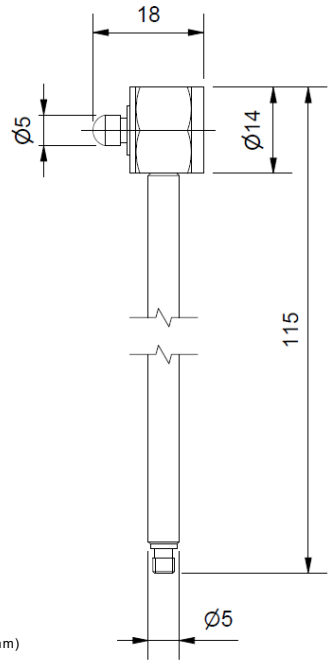
## DIMENSIONS




All measurements in millimeters (mm)
Not to scale

## INCLUDED WITH DEVICE

- ✓ 3 interchangeable tips

Nylon Aluminium Steel

- ✓ 2 metre BNC to M5 cable
- ✓ Other cable options and lengths available

ISO 9001 – 00025363

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**SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.**
**ALL DEVICES CALIBRATED IN ACCORDANCE WITH BS ISO 16063-21:2003. ALL DEVICE CALIBRATIONS ARE UKAS TRACEABLE.**


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