

IH/01-50

Impact Hammer

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



TECHNICAL SPECIFICATIONS

Performance

| | |
|--|---------------------|
| Sensitivity ($\pm 10\%$) | 100mV/N |
| Measurement Range | 50N pk |
| Non-linearity (% FS) | $\leq 5\%$ |
| Resolution | 2mN rms |
| Resonant Frequency | $\geq 70\text{kHz}$ |
| Low Frequency | 1Hz |

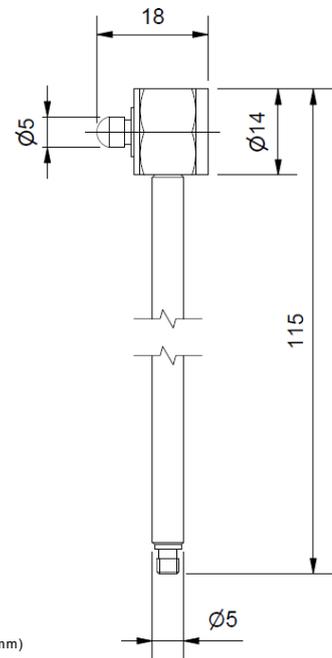
Electrical Characteristics

| | |
|-------------------------|------------------|
| Supply Voltage | 18 to 28V DC |
| Supply Current | 2 to 10mA |
| Bias Voltage | 10 to 14V DC |
| Output Impedance | $\leq 100\Omega$ |

Physical

| | |
|------------------------------|----------|
| Head Weight | 15 grams |
| Head Diameter | 14mm |
| Hammer Length | 115mm |
| Hammer Weight (total) | 20 grams |
| Connector | M5 |

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

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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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.