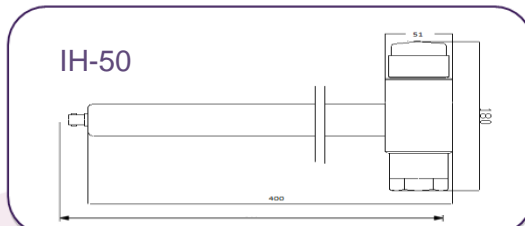
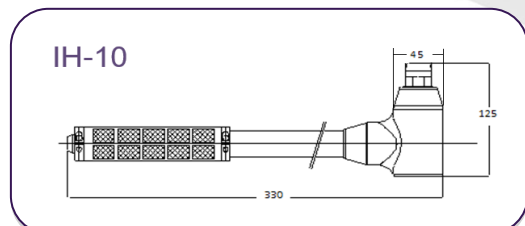
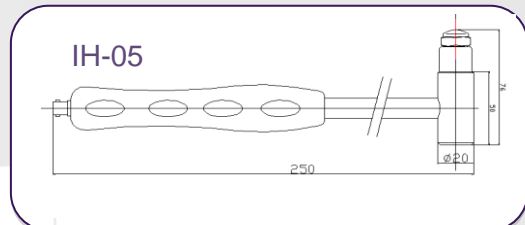
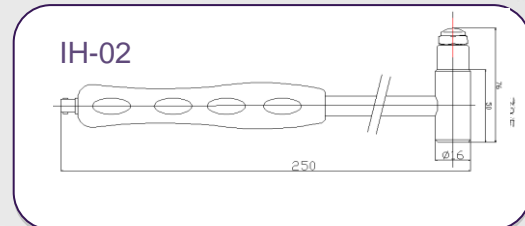
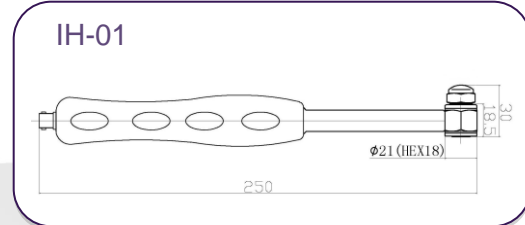


# IEPE Impact Hammer Range



IH series impact hammer is suitable for medium and small damping structure dynamic features test, such as resonance test, experiment design and modal test. IH series hammer has included piezoelectric IEPE force sensor. It can directly output voltage signal. IH series hammer is supplied with different buffer heads and clump weight. Impact hammer impact pulse width and frequency response range vary with hammerheads and materials. Choose relevant hammerhead according to the test.

	IH-01	IH-02	IH-05	IH-10	IH-50
Sensitivity	25mV/N 2.55mV/(m/lbf <sup>2</sup> )	2.5mV/N 0.25mV/(m/lbf <sup>2</sup> )	1mV/N 0.1mV/(m/lbf <sup>2</sup> )	0.5mV/N 0.05mV/(m/lbf <sup>2</sup> )	0.1mV/N 0.01mV/(m/lbf <sup>2</sup> )
Measuring Range	200N 44.61lbf	2,000N 449.61lbf	5,000N 1124.05lbf	10,000N 2248.1lbf	50,000N 11240.6lbf
Hammer head Weight	28gm 0.99oz	60gm 2.15oz	100gm 3.53oz	540gm 19.05oz	1,400gm 49.38oz
Hammer Mass	180gm 6.35oz	180gm 6.35oz	220gm 7.76oz	900gm 31.75oz	1900gm 67.02oz
Hammer Head Ø	Ø 21mm Ø 0.83in	Ø 16mm Ø 0.63in	Ø 20mm Ø 0.79in	Ø 45mm Ø 1.77in	Ø 51mm Ø 2.00in
Hammer Length	250mm 9.84in	250mm 9.84in	250mm 9.84in	330mm 12.99in	400mm 15.75in
Output Connector	BNC	BNC	BNC	EGG.OK.302	BNC
Tips Supplied	s/steel, aluminium rubber, nylon	s/steel, aluminium, rubber, nylon	s/steel, aluminium, rubber, nylon	Hard, medium, soft	Hard, medium, soft, mass



Stainless steel   Aluminium   Rubber   Nylon   Hard   Medium   Soft   Mass

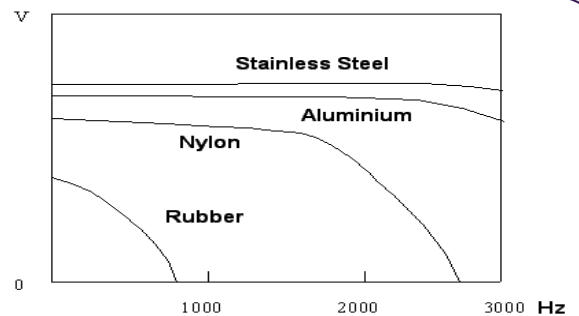
### Options

- Charge output hammer is available.
- Larger range hammer can be customised

### Typical Frequency Response

Pulse width and frequency response vary with hammerhead materials.

This drawing is for reference.



### DJB Instruments (UK) Ltd

Finchley Avenue,  
Mildenhall, Suffolk IP28 7BG

A UK company with UK-based manufacturing, assembly and calibration in-house.

Tel +44 (0)1638 712 288  
Email sales@djbinstruments.com  
Web www.djbinstruments.com

DJB Iss.2

