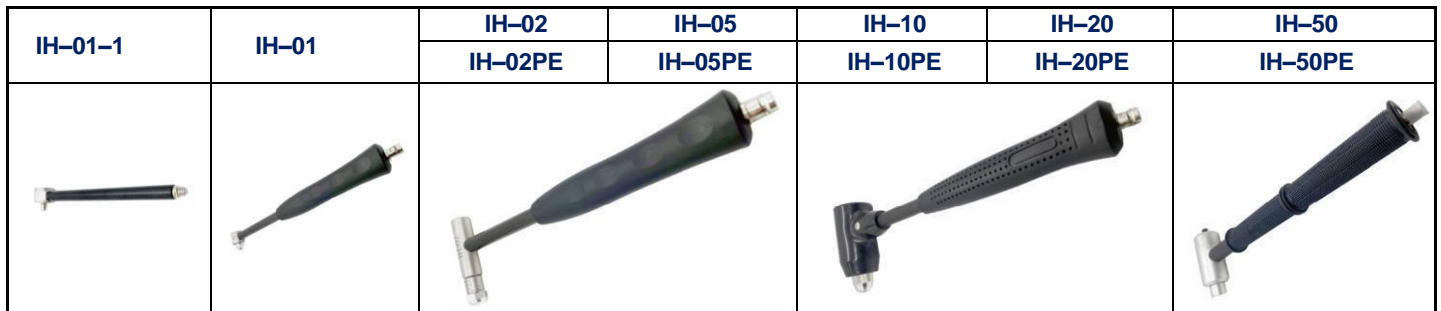


Impact Hammer

IH series Impact Hammer integrates a rugged, force sensor into the hammer's striking surface. Variety of hammers are suitable for different size test subjects. Assortment of tips offer frequency tailored impulse. Used for structure health testing, resonance determination, modal analysis.



Model:		IH-01-1	IH-01	IH-02	IH-05	IH-10	IH-20	IH-50
				IH-02PE	IH-05PE	IH-10PE	IH-20PE	IH-50PE
Sensitivity	mV/N	100	25	2.5	1	0.5	0.25	0.1
	pC/N	–	–	4	4	4	4	4
Measuring Range	N pk	50	200	2000	5000	10000	20000	50000
Nonlinearity	%	≤1	≤1	≤1	≤1	≤1	≤1	≤1
Resolution	mN rms	2	6	50	100	250	450	1000
Resonant Frequency	kHz	70	60	55	55	45	45	45
Low Frequency	Hz	1	1	1	1	0.5	0.5	0.3
Head Weight	g	15	28	80	120	445	445	1000
Head Diameter	mm	Φ14	Φ18	Φ16	Φ20	Φ32	Φ32	Φ45
Hammer Length	mm	115	250	250	250	350	350	400
Output Connector		M5	BNC	BNC	BNC	BNC	BNC	BNC

<p>Impact pulse width and frequency response are different with different hammer head and tips. Both should be based on actual testing.</p>	<p>Common Parameters</p>
	<p>IEPE Output Mode: Excitation voltage: +18 - +28V; Constant current: 2 - 10mA; DC offset: 10 - 14VDC; Output impedance: ≤100Ω;</p> <p>Charge Output Mode: Insulation Resistance: ≥10¹²Ω</p>

Tips:

