

Model Number 086C02		ICP® IMPACT HAMMER			Revision: L ECN #: 48526	
Performance		ENGLISH	SI	OPTIONAL VERSIONS		
Sensitivity(± 15 %)		50 mV/lbf	11.2 mV/N	Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.		
Measurement Range		± 100 lbf pk	± 444 N pk	TLD - TEDS Capable of Digital Memory and Communication Compliant with IEEE 1451.4		
Resonant Frequency		≥ 22 kHz	≥ 22 kHz	NOTES:		
Non-Linearity		≤ 1 %	≤ 1 %	[1] Typical.		
Electrical				[2] See PCB Declaration of Conformance PS068 for details.		
Excitation Voltage		20 to 30 VDC	20 to 30 VDC	SUPPLIED ACCESSORIES:		
Constant Current Excitation		2 to 20 mA	2 to 20 mA	Model 081B05 Mounting Stud (10-32 to 10-32) (2)		
Output Impedance		<100 Ohm	<100 Ohm	Model 084A08 Extender - Steel, 0.6" Diameter (1)		
Output Bias Voltage		8 to 14 VDC	8 to 14 VDC	Model 084B03 Hard Tip- Hard (S.S) (1)		
Discharge Time Constant		≥ 500 sec	≥ 500 sec	Model 084B04 Hammer Tip- Medium (White Plastic) (1)		
Physical				Model 084C05 Hammer Tip- Soft (Black) (2)		
Sensing Element		Quartz	Quartz	Model 084C11 Hammer Tip- Supersoft (Red) (2)		
Sealing		Epoxy	Epoxy	Model 085A10 Vinyl Cover For Medium Tip (Blue) (2)		
Hammer Mass		0.34 lb	0.16 kg	Model HCS-2 Calibration of Series 086 instrumented impact hammers (1)		
Head Diameter		0.62 in	1.57 cm	Entered: LK		
Tip Diameter		0.25 in	0.63 cm	Engineer: KW		
Hammer Length		8.5 in	21.6 cm	Sales: AT		
Electrical Connection Position		Bottom of Handle	Bottom of Handle	Approved: BAM		
Extender Mass Weight		2.6 oz	75 gm	Spec Number:		
Electrical Connector		BNC Jack	BNC Jack	Date: 8/9/2018		
[2]				Date: 8/9/2018		
All specifications are at room temperature unless otherwise specified.				Date: 8/9/2018		
In the interest of constant product improvement, we reserve the right to change specifications without notice.				086-3020-80		
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