

Model Number 086D50	ICP® IMPACT HAMMER			Revision: L ECN #: 56173
Performance Sensitivity(± 15 %) Measurement Range Resonant Frequency Non-Linearity Electrical Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage Discharge Time Constant Physical Sensing Element Sealing Hammer Mass Head Diameter Tip Diameter Hammer Length Electrical Connection Position Electrical Connector		ENGLISH 1 mV/lbf ± 5,000 lbf pk ≥ 5 kHz ≤ 1 % 20 to 30 VDC 2 to 20 mA < 100 Ohm 8 to 14 VDC ≥ 2,000 sec Quartz Hermetic 12.1 lb 3.0 in 3.0 in 35 in Bottom of Handle BNC Jack	SI 0.23 mV/N ± 22,240 N pk ≥ 5 kHz ≤ 1 % 20 to 30 VDC 2 to 20 mA < 100 Ohm 8 to 14 VDC ≥ 2,000 sec Quartz Hermetic 5.5 kg 7.6 cm 7.6 cm 89 cm Bottom of Handle BNC Jack	OPTIONAL VERSIONS Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used. TLD - TEDS Capable of Digital Memory and Communication Compliant with IEEE 1451.4 Output Bias Voltage
				8.5 to 15 VDC 8.5 to 15 VDC
NOTES: [1]Typical. [2]See PCB Declaration of Conformance PS136 for details.				
SUPPLIED ACCESSORIES: Model 084B30 Tip, 3", Super Soft, Pink (1) Model 084B31 Tip, 3", Soft, Orange (1) Model 084B32 Tip, 3", Med./Hard, Red (1) Model HCS-2 Calibration of Series 086 instrumented impact hammers (1)				
Entered: ND		Engineer: GD	Sales: BS	Approved: BAM
Date: 10/14/2025		Date: 10/14/2025	Date: 10/14/2025	Date: 10/14/2025
				Spec Number: 12993
 All specifications are at room temperature unless otherwise specified. In the interest of constant product improvement, we reserve the right to change specifications without notice. ICP® is a registered trademark of PCB Piezotronics, Inc.				
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