


Model Number 086D50	IMPACT HAMMER, ICP®			Revision F ECN #: 32971										
Performance	ENGLISH	SI	Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.)											
Sensitivity (±15 %)	1 mV/lbf	0.23 mV/N	T - TEDS Capable of Digital Memory and Communication Compliant with IEEE P1451.4											
Measurement Range	±5000 lbf pk	±22240 N pk	Output Bias Voltage 8.5 to 15 VDC 8.5 to 15 VDC											
Resonant Frequency	≥5 kHz	≥5 kHz	Notes											
Non-Linearity	≤1 %	≤1 %	[1] Typical.											
Electrical			Supplied Accessories											
Excitation Voltage	20 to 30 VDC	20 to 30 VDC	084A31 Tip - soft plastic, brown (1)											
Constant Current Excitation	2 to 20 mA	2 to 20 mA	084A32 Tip - hard plastic, red (1)											
Output Impedance	<100 Ohm	<100 Ohm	HCS-2 Calibration of Series 086 instrumented impact hammers (1)											
Output Bias Voltage	8 to 14 VDC	8 to 14 VDC												
Discharge Time Constant	≥2000 sec	≥2000 sec												
Physical														
Sensing Element	Quartz	Quartz												
Sealing	Hermetic	Hermetic												
Hammer Mass	12.1 lb	5.5 Kg												
Head Diameter	3.0 in	7.6 cm												
Tip Diameter	3.0 in	7.6 cm												
Hammer Length	35 in	89 cm												
Electrical Connection Position	Bottom of Handle	Bottom of Handle												
Electrical Connector	BNC Jack	BNC Jack												
<p><i>All specifications are at room temperature unless otherwise specified.</i></p> <p>In the interest of constant product improvement, we reserve the right to change specifications without notice.</p> <p>ICP® is a registered trademark of PCB group, Inc.</p>														
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