


Model Number 086C40		ICP® IMPACT HAMMER		Revision F ECN #: 32387	
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.) T - TEDS Capable of Digital Memory and Communication Compliant with IEEE P1451.4	
Sensitivity (±15 %)		10 mV/lbf	2.25 mV/N		
Measurement Range		±500 lbf pk	±2224 N pk		
Resonant Frequency		≥31 kHz	≥31 kHz		
Non-Linearity		≤1 %	≤1 %		
Electrical				Notes	
Excitation Voltage		20 to 30 VDC	20 to 30 VDC	[1] Typical.	
Constant Current Excitation		2 to 20 mA	2 to 20 mA	[2] See PCB Declaration of Conformance PS068 for details.	
Output Impedance		<100 Ohm	<100 Ohm		
Output Bias Voltage		8 to 14 VDC	8 to 14 VDC		
Discharge Time Constant		≥2000 sec	≥2000 sec		
Physical				Supplied Accessories	
Sensing Element		Quartz	Quartz	081B05 Mounting Stud (10-32 to 10-32) (2)	
Sealing		Epoxy	Epoxy	084A08 Extender - Steel, 0.6" Diameter (1)	
Hammer Mass		0.30 lb	0.14 Kg	084B03 Hard Tip- Hard (S.S) (1)	
Head Diameter		0.60 in	1.50 cm	084B04 Hammer Tip- Medium (White Plastic) (1)	
Tip Diameter		0.25 in	0.63 cm	084C05 Hammer Tip- Soft (Black) (2)	
Hammer Length		8.0 in	20.3 cm	084C11 Hammer Tip- Supersoft (Red) (2)	
Electrical Connection Position		Bottom of Handle	Bottom of Handle	085A10 Vinyl Cover For Medium Tip (Blue) (2)	
Extender Mass Weight		2.6 oz	75 gm	HCS-2 Calibration of Series 086 instrumented impact hammers (1)	
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>					
</					