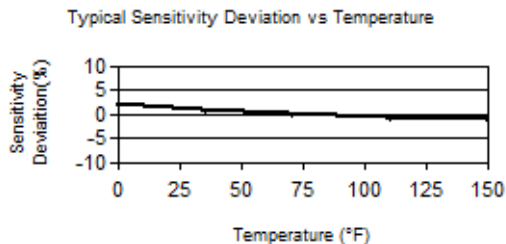


Model Number 350C03		ICP® SHOCK ACCELEROMETER		Revision: E ECN #: 56727	
Performance		ENGLISH	SI	OPTIONAL VERSIONS	
Sensitivity(± 30 %)		0.5 mV/g	0.05 mV/(m/s ²)	Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.	
Measurement Range		± 10,000 g pk	± 98,000 m/s ² pk		
Frequency Range(± 1 dB)		0.4 to 10,000 Hz	0.4 to 10,000 Hz		
Frequency Range(- 3 dB)		0.2 to 25,000 Hz	0.2 to 25,000 Hz	[1]	
Electrical Filter Corner Frequency(- 3 dB)		17 kHz	17 kHz	[2][3]	
Mechanical Filter Resonant Frequency		35 kHz	35 kHz	[2][4]	
Resonant Frequency		≥ 100 kHz	≥ 100 kHz		
Broadband Resolution(1 to 10,000 Hz)		0.04 g rms	0.39 m/s ² rms	[2]	
Non-Linearity(per 1000 g (9810 m/s ²))		≤ ±2.0 %	≤ ±2.0 %		
Transverse Sensitivity		≤ 7 %	≤ 7 %		
Environmental					
Overload Limit(Shock)		± 50,000 g pk	± 490,000 m/s ² pk		
Temperature Range(Operating)		0 to +150 °F	-18 to +66 °C		
Temperature Range(Storage)		-40 to +200 °F	-40 to +93 °C		
Temperature Response		See Graph	See Graph	[2]	
Base Strain Sensitivity		0.002 g/με	0.02 (m/s ²)/με	[2]	
Electrical					
Excitation Voltage		20 to 30 VDC	20 to 30 VDC		
Constant Current Excitation		2 to 20 mA	2 to 20 mA		
Output Impedance		≤ 200 Ohm	≤ 200 Ohm		
Output Bias Voltage		8 to 14 VDC	8 to 14 VDC		
Discharge Time Constant		1.0 to 2.0 sec	1.0 to 2.0 sec		
Settling Time(within 10% of bias)		< 10 sec	< 10 sec		
Physical					
Sensing Element		Ceramic	Ceramic		
Sensing Geometry		Shear	Shear		
Housing Material		Titanium	Titanium		
Sealing		Hermetic	Hermetic		
Size (Hex x Height)		0.375 in x 1.15 in	9.5 mm x 29.2 mm		
Weight		0.19 oz	5.4 gm	[2]	
Electrical Connector		10-32 Coaxial Jack	10-32 Coaxial Jack		
Electrical Connection Position		Top	Top		
Mounting		Stud	Stud		
Mounting Thread		1/4-28 Male	1/4-28 Male		
Mounting Torque		25 to 35 in-lb	280 to 390 N-cm		



CE
UK
CA^[5]

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.
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