

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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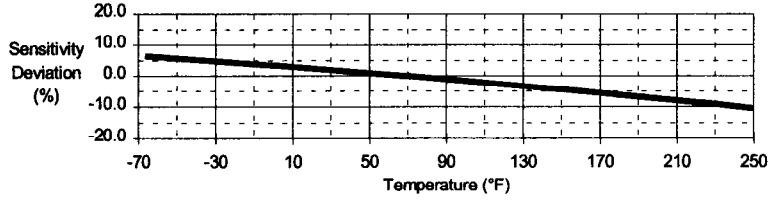
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Model Number
352A10

CERAMIC SHEAR ICP ® ACCELEROMETER

Revision: E
ECN #: 12845

DYNAMIC PERFORMANCE			
Voltage Sensitivity	mV/g [mV/(m/s²)]	10 [1,02]	(±10%)
Measurement Range	±g pk [±m/s² pk]	500 [4 905]	
Frequency Range: (±5%)	Hz	3 to 10,000	
(±10%)	Hz	1 to 20,000	
Mounted Resonant Frequency	kHz	>65	
Resolution - Broadband	g rms [m/s² rms]	0.003 [0,03]	[1]
Amplitude Linearity	%	≤±1	[2]
Transverse Sensitivity	%	≤5	
ENVIRONMENTAL			
Shock Limit (maximum)	±g pk [±m/s² pk]	10,000 [98 100]	
Operating Temperature Range	°F [°C]	-65 to +250 [-54 to +121]	
Temperature Coefficient	%/°F [%/°C]	See Graph	[1]
ELECTRICAL			
Excitation Voltage/Constant Current	VDC/mA	18-30/2-20	
Output Impedance	ohms	≤200	
Output Bias	VDC	7 to 11	
Discharge Time Constant	sec	0.3 to 1.0	
Spectral Noise: (1 Hz)	µg/√Hz [(µm/s²)/√Hz]	1,000 [9 810]	[1]
(10 Hz)	µg/√Hz [(µm/s²)/√Hz]	300 [2 943]	[1]
(100 Hz)	µg/√Hz [(µm/s²)/√Hz]	80 [785]	[1]
(1 kHz)	µg/√Hz [(µm/s²)/√Hz]	25 [308]	[1]
MECHANICAL			
Sensing Element	material/geometry	Ceramic/Shear	
Housing	material/sealing	Titanium/Hermetic	
Size (diameter x height)	in [mm]	0.22 x 0.35 [5,6 x 8,9]	
Weight	oz [gm]	0.03 [0,7]	[1]
Electrical Connector	type/location	Solder Pins/Top	[3]



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.

DD032 Rev.G 2/16/99

OPTIONAL VERSIONS

Optional versions have identical specifications and accessories as listed for the standard model except where noted by the letter prefixes below. More than one option may be used.

☐ **W** - Water Resistant Cable
Attached Cable 030AD010EJ is replaced by 018AD010EJ
(terminates in 10-32 plug)

NOTES:
[1] Typical.
[2] Zero-based, least-squares, straight line method.
[3] Supplied with attached 030AD010EJ Cable (termination in 10-32 plug).

SUPPLIED ACCESSORIES:
Model 080A109 Petro Wax Sample (1)
Model 080A90 Quick Bonding Gel (1)
NIST Traceable Calibration Certificate

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Drawn:	Eng:	Sales: CSA	Appd:	Spec Number:
Date: JAN 01	Date: 1/10/01	Date: 1/16/01	Date: 1/10/01	1559

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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