

THE MODAL SHOP

DISCOUNT EQUIPMENT FROM DEMO/RENTAL

The Modal Shop has been standardizing rental inventory, stocking up on popular models and expanding equipment ranges. We've added a number of seismic and shock accelerometers, TEDS sensors are becoming the standard, and we are ready to part with some items to make room for the new. All of the equipment shown comes 100% inspected, fully calibrated, with full manuals, and with a one year warranty. Best of all, as with any order - [The Modal Shop's commitment to Total Customer Satisfaction is also included.](#)

PCB Piezotronics Triaxial ICP Accelerometers



356A11 / 356B11

Miniature 0.4in titanium cube, for measurements up to $\pm 500g$ in confined spaces, or mounting on lightweight structures where mass loading effects are to be minimized. An integral cable ensures connection integrity. Buy two - they're small!



356A02 / 356A15

These titanium hermetically sealed ceramic shear triaxes are the most popular units currently offered in rental. Why are we selling them? To make room for TEDS units! The 356A02 is $\pm 500g$, the 356A15 is $\pm 50g$.



356B08



356B18

Designed for modal analysis and structural test applications requiring high resolution. These sensors utilize a ceramic shear mode element and aluminum housing to reduce mass loading effects. $\pm 50g$ (356B08) and $\pm 5g$ (356B18) ranges.



329A31

Rugged industrial triax with an all welded hermetic design to operate in harsh environments, and case isolated to provide ESD and RFI protection. Used to test medium to large structures. Similar to current IMI model 629A31.

Model	Sensitivity (mV/g)	Frequency Range ($\pm 10\%$)	Amplitude Range ($\pm g$ pk)	Temp Range ($^{\circ}F$)	Connector type	Mounting	Mass (grams)	Discount
356A02	10	1.5-6500	500	-65 to 250	4-pin	10-32	11	10%
356A11 / 356B11	10	2-10000	500	-65 to 250	5ft cable to 4-pin	5-40	4	30% / 10%
346A	50	2-1000	100	-65 to 250	10-32	8-32 SHCS	71	50%
356B08	100	0.3-6500	50	-65 to 170	4-pin	10-32	20	30%
356A15 / TLA356A15	100	1.4-6500	50	-65 to 250	4-pin	10-32	11	15% / 30%
329A31	100	1.1-7000	50	-65 to 250	MIL 4-pin	1/4-28	139	50%
356B18	1000	0.3-5000	5	-20 to 170	4-pin	10-32	25	15%

PCB Piezotronics Single Axis ICP Accelerometers



308B15

An industry workhorse, this ruggedized accelerometer is ideal for prolonged service in industrial environments. It's built in electronics and compression mode design provides high frequency measurements through long cables in dirty environments with no loss in signal quality.



393C

A seismic sensor featuring an extremely stable quartz sensing element, providing good thermal stability at low frequencies. With standard ground isolation, hermetic housing, insulated sensing element and low noise electronics, this sensor excels at low frequency vibration testing.



333B

Classic modal structural testing sensor. Featuring high output, low noise, tight phase match specification, flat low frequency response, and freedom from the burden of coaxial cabling issues, it's an unsung star in the catalog. To try it is to love it!



626A03

Low frequency industrial ceramic shear sensor, ideally suited for harsh environments with low level and low frequency vibration. Robust features including a stainless steel enclosure, welded hermetic sealing and MIL-spec cable connection. Similar to current IMI model 626B03.

307A	100	1.3-5000	50	-65 to 250	10-32 top	10-32	31	60%
308B	100	1-5000	50	-65 to 250	10-32 side	10-32	50	50%
308B15	100	1-5000	50	-65 to 250	10-32 side	10-32	58	50%
333B	100	1-1000	50	0 to 150	10-32 side	3-pin IDC	5.6	15%
308B02	1000	2.5-3000	5	-65 to 250	10-32 side	10-32	65	50%
U393C	1000	0.01-1200	2.5	-65 to 200	10-32 side	10-32	885	40%
626A03	1000	0.2-6000 ($\pm 3dB$)	5	-65 to 250	MIL-C 5015	1/4-28	199	50%

Additional Sound and Vibration Equipment

20% off



130D20

Array microphone that integrates easily with ICP®/IEPE powered sensors, the 130 series is an economical microphone/ preamplifier used in sound pressure mapping, NAH, fixed-point sound power, boundary element model verification, or general purpose vibro-acoustic analysis systems coupled with accelerometers.

30% off



820

Type 1 handheld environmental integrating sound level meter, perfect for community and industrial noise, transportation, artillery fire measurements, and outdoor noise monitoring. With 110dB dynamic range, multiple Ln, long term logging capabilities, and low power consumption, easy to see why it's remained an industry standard.

20% off



824

System 824 sound level meter and real time analyzer is perfect for a variety of uses. With options ranging from 1/1 & 1/3 octave analysis, building acoustics, 400-line FFT, and even audiometric calibration, the 824 is a perfect system for industrial noise, room acoustics, transient noise, and vibration measurements.

Call



E1432A / E1433A

The industry standard high-performance system for demanding mechanical and acoustic test applications. Each provides 8 or 16 channel 51.2kSa/Sec/Channel 16-bit digitization with antialiasing, with parallel processing to allow large numbers of cards to be used simultaneously and data streamed to a standard PC.

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