

2024 Sale Used Pricelist

QTY	Model	Price	Discount	Discounted Price	Description
Portable Vibration Calibrator					
The Modal Shop's line of PVC has expanded, with options for prox probes, charge mode sensors, velocimeters and much more. Below is the most popular unit, but check out the entire line here and inquire if something is a better fit for your verification/calibration needs.					
3	9110D	\$16,650	10%	\$14,985	Portable Vibration Calibrator, includes on-board ICP® and Voltage input, adjustable frequency range (5 Hz-10 kHz) and amplitude. LCD displays English or Metric units, with on-board memory, USB flash drive data storage, with ability to create cal certs.
Electrodynamic Exciters / Shakers					
Similarly, our shaker product line has expanded, with options up to 500 lbf sine, and new high frequency shakers and more. Below is the most popular unit, but check out the entire line here and inquire if something is a better fit for your testing needs.					
6	K2007E01	\$5,095	10%	\$4,585.50	Miniature shaker with integrated amplifier with BNC input, 31 N (7 lbf) pk sine force, 13 mm (0.5") pk-pk stroke. Includes trunnion base, 2110G06 stinger kit, and case
Ultra Miniature 1 gram mass Triaxial ICP® Accelerometers					
These units are all adhesive mount 0.25" (6.35 mm) titanium cubes, 1 gram mass each.					
11	356A03	\$1,652	10%	\$1,486.80	±500 g pk range, integral 5ft (1.5m) cable to 1/4-28 4-pin connector. <i>Includes 5ft (1.5m) breakout cable to (3) BNC plugs.</i>
57	356A03/NC	\$1,462	10%	\$1,315.80	Same as above, order breakout cable separately if needed.
32	356A06/NC	\$1,375	10%	\$1,237.50	±500 g pk range, mini 8-36 4-pin connector. Order breakout cable separately if needed (034K type).
20	356A01	\$1,652	10%	\$1,486.80	±1000 g pk range, integral 5ft (1.5m) cable to 1/4-28 4-pin connector. Includes 5ft (1.5m) breakout cable to (3) BNC plugs.
44	356A01/NC	\$1,462	10%	\$1,315.80	Same as above, order breakout cable separately if needed.
4	356A13/NC	\$1,629	30%	\$1,140.30	±1000 g pk range, flexible lightweight integral 5ft (1.5m) cable to 1/4-28 4-pin connector.
37	HT356B01/NC	\$1,618	10%	\$1,456.20	±1000 g pk range high temperature (356°F/180°C), integral 5ft (1.5m) cable to 1/4-28 4-pin connector. Order breakout cable separately if needed.
Structural Test / Modal Triaxial ICP® Accelerometers					
16	356B18	\$1,276	15%	\$1,084.60	±5 g pk range, 0.8" (20.3 mm) anodized aluminum cube, 1/4-28 4-pin connector. Includes adhesive mounting base and mating stud.
8	356M98	\$1,841	15%	\$1,564.85	±5 g pk range low outgassing triaxial accelerometer, 0.8" (20.3 mm) titanium cube, 1/4-28 4-pin connector. Includes adhesive mounting base and mating stud.
47	TLD356M98	\$2,149	15%	\$1,826.65	Same as above, but with TEDS.
7	356B08	\$1,372	35%	\$891.80	±50 g pk range, 0.8" (20.3 mm) anodized aluminum cube, 1/4-28 4-pin connector. Includes adhesive mounting base and mating stud. <i>Demo/rental units may have some anodization scratches, use for testing without mounting base and/or ground loops.</i>
31	TLD356A14	\$1,373	10%	\$1,235.70	±50 g pk range with TEDS, 0.55" (14 mm) titanium cube, 1/4-28 4-pin connector. Includes adhesive mounting base and mating stud.
6	356A45	\$1,510	10%	\$1,359.00	±50 g pk range miniature with TEDS, adhesive mount 0.4" (10.2 mm) titanium cube with 1/4-28 4-pin connector.

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General Purpose Triaxial ICP® Accelerometers

Various units, sorted by increasing amplitude range then increasing size/mass.

9	356A32	\$1,435	15%	\$1,219.75	±50 g pk range, 0.45" (11.4 mm) titanium cube, mini 8-36 4-pin connector. Includes adhesive mounting base, mating stud and 034K10 10ft (3m) breakout cable to (3) BNC plugs.
22	356A32/NC	\$1,204	15%	\$1,023.40	Same as above, order 034K-style breakout cable separately if needed.
17	TLD356A16	\$1,328	10%	\$1,195.20	±50 g pk range with TEDS, 0.55" (14 mm) anodized aluminum cube, 1/4-28 4-pin connector. Includes adhesive mounting base and mating stud.
6	356A15	\$1,258	10%	\$1,132.20	±50 g pk range, 0.55" (14 mm) titanium cube, 1/4-28 4-pin connector. Includes adhesive mounting base and mating stud.
7	TLD356A15	\$1,309	10%	\$1,178.10	Same as above, with TEDS
12	TLD356A26	\$1,373	10%	\$1,235.70	100 g pk range with TEDS, 0.55" (14 mm) titanium cube with 1/4-28 4-pin connector. Includes adhesive mounting base and mating stud.
9	356B21	\$1,352	15%	\$1,149.20	±500 g pk range, 0.4" (10.2 mm) titanium cube, mini 8-36 4-pin connector. Includes adhesive mounting base, mating stud and 034K10 10ft (3m) breakout cable to (3) BNC plugs.
23	356B21/NC	\$1,121	15%	\$952.85	Same as above, order 034K-style breakout cable separately if needed.
37	356A33	\$1,276	10%	\$1,148.40	±500 g pk range, 0.4" (10.2 mm) adhesive mount titanium cube with 1/4-28 4-pin connector. Includes adhesive mounting base and mating stud.
23	356A43	\$1,510	10%	\$1,359.00	±500 g pk range with TEDS, 0.4" (10.2 mm), 4.2 gram mass adhesive mount titanium cube with 1/4-28 4-pin connector.
9	J356A43	\$1,633	10%	\$1,469.70	±500 g pk range with ground isolation and TEDS, adhesive mount 0.47" (11.8 mm), 5.7 gram mass titanium cube with 1/4-28 4-pin connector.
7	356A63	\$1,470	10%	\$1,323.00	±500 g pk range with filter , 0.4" (10.2 mm) titanium cube with 1/4-28 4-pin connector. Includes adhesive mounting base and mating stud.
29	356A02	\$1,138	10%	\$1,024.20	±500 g pk range, 0.55" (14 mm) titanium cube with 1/4-28 4-pin connector. Includes adhesive mounting base and mating stud.
41	TLD356A02	\$1,189	10%	\$1,070.10	Same as above but with TEDS.

Piezoelectric Triaxial Accelerometers for High Temperature Testing

43	HT356A15	\$1,412	20%	\$1,129.60	±50 g pk range ICP® (325°F/163°C) general purpose, 1/4-28 4-pin connector. Includes adhesive mounting base and mating stud.
9	HT356A44	\$1,664	20%	\$1,331.20	±100 g pk range ICP® (325°F/163°C) with TEDS, adhesive mount 0.4" (10.2 mm) titanium cube with 1/4-28 4-pin connector.
24	356A70	\$1,171	10%	\$1,053.90	±500 g pk range charge output (490°F/254°C) , ±500 g pk range, 7.9 gram titanium unit with (3) 5-44 connectors. Includes 10-32 mounting screw.
19	HT356B20/NC	\$1,415	10%	\$1,273.50	±5000 g pk range ICP® (356°F/180°C), 0.4" (10.2 mm) titanium cube, mini 8-36 4-pin connector. Includes adhesive mounting base and mating stud.
10	HT356A66	\$1,680	20%	\$1,344.00	±500 g pk range ICP® with built-in filter , (325°F/163°C), 0.55" (14 mm) titanium cube with 1/4-28 4-pin connector. Includes adhesive mounting base and mating stud.
8	HT356B21/NC	\$1,335	15%	\$1,134.75	±500 g pk range ICP® (325°F/163°C), mini 8-36 4-pin connector. Includes adhesive mounting base and mating stud.
43	HTTLD356A02	\$1,363	15%	\$1,158.55	±500 g pk range ICP® with TEDS , (325°F/163°C) 0.55" (14 mm) titanium cube, 1/4-28 4-pin connector. Includes adhesive mounting base and mating stud.
34	HT356A33	\$1,429	20%	\$1,143.20	±500 g pk range ICP® (325°F/163°C), 0.4" (10.2 mm) titanium cube with 1/4-28 4-pin connector. Includes adhesive mounting base and mating stud.

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Seat Pad Piezoelectric Triaxial Accelerometers for Whole Body Vibration Testing

4	356B41	\$1,897	10%	\$1,707.30	Seat Pad accelerometer, ±10 g pk range. Conforms to ISO 10326-1. Includes 5ft (1.5m) breakout cable to (3) BNC plugs.
5	356B41/NC	\$1,722	10%	\$1,549.80	Same as above, but no breakout cable supplied.

General Purpose Uniaxial ICP® Accelerometers

All of these units include adhesive mounting base.

42	352C68	\$438	10%	\$394.20	±50 g pk range 2 gram mass titanium unit with 10-32 top connector and 5-40 plug mounting thread
19	TLD352C03	\$409	20%	\$327.20	±500 g pk range 5.8 gram mass titanium with TEDS, 10-32 side connector and 10-32 jack mounting thread.
-	Ask	-	Varies	-	Many more uniaxial units are available, please ask

Miniature “Teardrop”-Style Uniaxial ICP® Accelerometers

Sorted by increasing amplitude range then increasing size/mass. Units include custom removal tool (unique to sensor model)

7	TLD352A56	\$801	10%	\$720.90	±50 g pk range 1.8 gram mass titanium unit with 5-44 side connector.
8	352C23	\$853	10%	\$767.70	±1000 g pk range 0.2 gram mass anodized aluminum with 030A10 10ft (3m) cable, 3-56 plug to 10-32 plug.
9	352C23/NC	\$747	10%	\$672.30	Same as above, but no breakout cable supplied.
32	352A25	\$623	10%	\$560.70	±2000 g pk range 0.6 gram mass titanium unit with 030A10 10ft (3m) cable, 3-56 plug to 10-32 plug.
32	352A25/NC	\$515	10%	\$463.50	Same as above, but no breakout cable supplied.
16	TLD352A57	\$819	10%	\$737.10	±2000 g pk range 1.33 gram mass titanium unit with 5-44 side connector.

ICP® Accelerometers for Shock Applications

Units are mechanically isolated and electrically filtered

20	350A43/NC	\$2,725	40%	\$1,636.00	±10000 g pk range triaxial unit, 5-ft integral cable terminating in 1/4-28 electrical connector
68	350D02	\$1,024	20%	\$819.20	Shock ICP accelerometer, 0.1 mV/g, 50 kg, 10-ft integral cable, 1/4-28 integral stud
4	350B03	\$1,035	30%	\$724.50	±10000 g pk range uniaxial 4.5 gram mass titanium unit with 10-32 top connector and 1/4-28 plug mounting thread
32	350B04	\$1,092	30%	\$764.40	±50000 g pk range uniaxial 4.5 gram mass titanium unit with 10-32 top connector and 1/4-28 plug mounting thread
27	350B01	\$1,192	15%	\$1,013.20	±100000 g pk range uniaxial 4.5 gram mass titanium unit with 10 ft integral cable terminating in 10-32 jack connector, 1/4-28 plug mounting thread

Piezoelectric Very High Temperature Uniaxial Accelerometer

104	357B61/NC	\$1,056	20%	\$844.80	±1000 g pk range charge output (900°F/482°C), 7. gram Inconel unit with side 10-32 electrical connector, 10-32 jack mounting thread. Use with hardline cable and matched in-line charge converter, ordered separately.
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Microphones/Acoustics

19	HT378B02	\$1,390	5%	\$1,320.50	Hi Temp Precision 1/2" prepolarized free-field condenser microphone, 50 mV/Pa, 3.15 Hz - 20 kHz (+/-2dB) with HT426E01 1/2" ICP® preamplifier and TEDS.
32	130E20	\$395	30%	\$276.50	Array Microphone with integral preamplifier, BNC jack connector
61	130E21	\$395	30%	\$276.50	Array Microphone with integral preamplifier, 10-32 connector
1	SoundCam	Call	20%	Call	CAE SoundCam Acoustic Camera - 64 channel. SoundCam is certified/tested, does not include fresh calibration

Triaxial ICP® Force Sensors

4	260A02	\$3,640	30%	\$2,548.00	Triax ICP® force sensor, 1k lb (Fz), 1k lb (Fx,y), 2.5 mV/lb (z), 5 mV/lb (x, y)
13	260A11	\$2,200	30%	\$1,540.00	Triax Force Sensor, Fz=1000lb; Fx, Fy=500 lb; 15 pC/lb (z); 32 pC/lb (x,y).
9	260A13	\$3,500	30%	\$2,450.00	Three component force sensor, charge mode; Fz=10,000 lb; Fx, Fy=4000 lb; 15 pC/lb (z), 32 pC/lb (x,y)
16	260A31	\$2,050	30%	\$1,435.00	Triax force sensor, reversed shear polarity, 1k lb (Fz), 500 lb (Fx,y), 15 pC/lb (z), 32 pC/lb (x, y)

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