



Vibration Instrumentation:
Accelerometers

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Piezoelectric Accelerometers



CA-YD-103
General purpose



CA-YD-104TNC
Ground isolated
Condition monitoring



CA-YD-107
CA-YD-107A
General purpose



CA-YD-108
General purpose



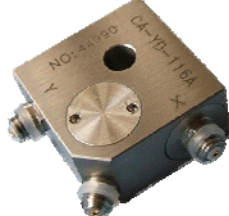
CA-YD-109
Low frequency
High sensitivity



CA-YD-111
CA-YD-111A
High Shock



CA-YD-112A
CA-YD-112G
Ground isolated
Condition monitoring



CA-YD-116
Triaxial
General purpose



CA-YD-117
Low frequency
High sensitivity



CA-YD-122
General purpose
High stability



CA-YD-125
1.5 gram
Miniature



CA-YD-126
CA-YD-126A
High shock



CA-YD-129
360° mounting
Lightweight



CA-YD-136
High temperature
High shock



CA-YD-140
Light weight
High shock



CA-YD-141
Triaxial
High shock



CA-YD-160
High shock
Miniature



CA-YD-169
High Sensitivity
TO-8 Package

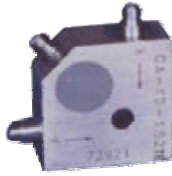
Model	Measurement Direction	Sensitivity (pC/ms ⁻²)	Frequency Range $\pm 10\%$ (Hz)	Max Oper. Accel. (ms ⁻²)	Weight (g)	Temperature Range (°C)		Mounting Methods
						Low	High	
CA-YD-103	Single-axis	2	0.5-10,000	20,000	14	-20	+120	Screw (M5)
CA-YD-104TNC	Single-axis	3.5	0.5-5,000	8,000	33	-20	+120	Screw (M5)
CA-YD-107	Single-axis	5	0.5-6,000	50,000	28	-40	+150	Screw (M5)
CA-YD-107A	Single-axis	5	0.5-8,000	50,000	28	-40	+150	Screw (M5)
CA-YD-108	Single-axis	10	0.5-8,000	10,000	30	-40	+150	Screw (M5)
CA-YD-109	Single-axis	250	0.2-1,500	100	210	-40	+150	Screw (M5)
CA-YD-111	Single-axis	0.02	1-20,000	1,000,000	10	-54	+250	Screw (M3)
CA-YD-111A	Single-axis	0.03	1-15,000	500,000	10	-54	+250	Screw (M3)
CA-YD-112A	Single-axis	5	1-3,000	1,000	100	-54	+482	Screw (M4)
CA-YD-112G	Single-axis	5	1-3,000	1,000	100	-40	+250	Screw (M4)
CA-YD-116	Triaxial	2	1-5,000	5,000	60	-40	+150	Screw (M5)
CA-YD-117	Single-axis	50	0.2-3,000	1,500	50	-40	+150	Screw (M5)
CA-YD-122	Single-axis	0.2	1-8,000	50,000	25	-40	+150	Screw (M5)
CA-YD-125	Single-axis	0.1	2-20,000	200,000	1.5	-40	+150	Screw (M5)
CA-YD-126	Single-axis	0.2	1-15,000	200,000	4	-40	+150	Adhesive
CA-YD-126A	Single-axis	0.2	1-15,000	100,000	4	-40	+150	Adhesive
CA-YD-129	Single-axis	15	0.3-8,000	20,000	9	-40	+150	Screw (M5)
CA-YD-136	Single-axis	0.3	1-10,000	10,000	26	-40	+250	Screw (M5)
CA-YD-140	Single-axis	0.2	2-10,000	20,000	1.4	-40	+150	Screw (M5)
CA-YD-141	Triaxial	1	1-5,000	50,000	17	-40	+250	Hole or Screw (M5)
CA-YD-160	Single-axis	0.3	1-5,000	20,000	2.8	-40	+250	Adhesive
CA-YD-169	Single-axis	12	0.3-5,000	50,000	24	-40	+120	TO-8

IEPE Accelerometers



CA-YD-135

Internal pre-amplifier
3 wires, DC power supply
for hand-held monitoring



CA-YD-152

General purpose
Triaxial
Hole for M5 mounting



CA-YD-159

General purpose
High sensitivity: 10V/g
Ground isolated



CA-YD-166

Top pin output
Miniature and lightweight
TO-5 package



CA-YD-181

Miniature
Side output



CA-YD-182

Miniature
Top output



CA-YD-185

General purpose



CA-YD-186G

Ground isolated
Condition
monitoring



CA-YD-188

Ground isolated
Condition
monitoring



CA-YD-189

Low frequency
Low vibration
levels
High sensitivity



CA-YD-193

Triaxial
Miniature and
lightweight



CA-YD-1160

High shock
High sensitivity
Miniature and
lightweight



CA-YD-1181

High sensitivity
Side output



CA-YD-1182

High sensitivity
Top output

Model	Type	Sensitivity (mV/ms ⁻²)	Frequency Range ± 10% (Hz)	Linear Range (ms ⁻²)	Weight (g)	Temperature Range (°C)		Dimensions (mm)
						Low	High	
CA-YD-135	Single-axis	2	1-5,000	100	33	-20	+60	Φ24x52
CA-YD-152	Triaxial	2	1-4,000	2,500	90	-40	+120	Φ28x28x15
CA-YD-159	Single-axis	1,000	0.2-1,000	10	250	-20	+80	Φ38x60
CA-YD-166	Single-axis	10	1-5,000	200	3	-55	+85	Φ8.8x9.7
CA-YD-181	Single-axis	1	1-10,000	5,000	8	-40	+120	Φ12.5x15
CA-YD-182	Single-axis	1	1-10,000	5,000	8	-40	+120	Φ12.5x19.2
CA-YD-185	Single-axis	5	0.5-5,000	1,000	25	-40	+120	Φ18x26
CA-YD-186G	Single-axis	10	1-4,000	100	30	-40	+120	Φ20x44
CA-YD-188G	Single-axis	50	0.2-2,500	100	90	-40	+120	Φ25.4x48
CA-YD-189	Single-axis	100	0.2-1,000	50	110	-40	+120	Φ38x35
CA-YD-193	Triaxial	1	1-3,000	5,000	20	-40	+120	Φ20x20x18
CA-YD-1160	Single-axis	10	1-5,000	5,000	5	-40	+120	Φ11x14
CA-YD-1181	Single-axis	10	1-10,000	500	10	-40	+120	Φ16.5x18
CA-YD-1182	Single-axis	10	1-10,000	500	10	-40	+120	Φ13x21.5