

ACC-50g or ACC-10g or ACC-500g

Common characteristics

Type **ACC-50g** (or ACC-10g or ACC-500g) is a general-purpose Integrated Electronics Piezo-Electric accelerometer (CCLD or ICP). It has a wide frequency range, low noise, and low sensitivity to environmental factors.

ACC-50g (or ACC-10g or ACC-500g) has a lightweight, robust, hermetically sealed housing, an insulated base and a 10–32 UNF threaded mounting hole suitable for use in tough environments. It has a top-mounted coaxial connector.

Frequency range: 0.2 – 12800 Hz

Temperature: -55 – 125 C

Weight: 9 grams (approximately according to the model and the brand)

Sensitivity:

ACC-50g 100 mV/g

ACC-10g 500 mV/g

ACC-500g 10 mV/g

Residual Noise Level in Spec Freq Range (rms): $\pm 500 \mu\text{g}$

Maximum Operational Level (peak): 700 g (approximately)

Electrical connector: 10-32 UNF

Mounting: 10-32 UNF

Accessory Included: 10-32 UNF mounting stud.

Clip/Stud/Screw included: Yes.

Output: CCLD or ICP

Unigain: No

Triaxial: No

TEDS: Yes

Resonance frequency: 38 kHz

Maximum Shock Level (\pm peak): 1000 g

Accredited calibration: YES