



ACCURATE & EASY TO USE

Discover a wide selections of our
sound measurement equipments according to your
sound measurement needs

PQV1500T

SINGLE AXIS
ACCELEROMETERS

www.placidinstruments.com



PLACID INSTRUMENTS BV

Newtonlaan 115 Office No. 2.21 3584 BH UTRECHT, THE NETHERLANDS

Phone +31 302106021

email info@placidinstruments.com

website www.placidinstruments.com

PLACID Accelerometers PQV-1500T

SINGLE AXIS
TOP-EXIT CONNECTOR



Specification

Frequency Range

0.5 - 10000 Hz

Measurement Range

+/- 500 g

Sensitivity

10 mV/g

The PLACID PQV 1500T is a multi-purpose IEPE accelerometer.



PLACID INSTRUMENTS BV

Newtonlaan 115 Office No. 2.21 3584 BH UTRECHT, THE NETHERLANDS

Phone +31 302106021

email info@placidinstruments.com

website www.placidinstruments.com

Specification

Basics

The PLACID PQV 1500T is a multi-purpose IEPE accelerometer.

Connectivity

The PLACID PQV 1500T is an IEPE powered accelerometer. As the output impedance of our IEPE accelerometers is between 100-300 Ohm, no special low-noise cable are required.

Uses

The PLACID PQV 1500T is used for all forthcoming vibration measurements where only a 1-axis signal is required

Individual calibration

All PLACID accelerometers are being calibrated in a controlled laboratory environment using traceable calibration equipment complying with ISO17025 standards.

We recommend that all PLACID accelerometers are re-calibrated every year to guarantee an optimized usage.

PLACID Traceable Calibration is performed by our qualified staff and under controlled conditions according to the procedures and standards such as ISO17025.

Quality

All PLACID accelerometers are made of high-quality materials that will ensure long stability and durability, even in harsh condition.

PLACID offers 2 years warranty against defective materials and workmanship.

All our accelerometers are made from Stainless steel.



PLACID INSTRUMENTS BV

Newtonlaan 115 Office No. 2.21 3584 BH UTRECHT, THE NETHERLANDS

Phone +31 302106021

email info@placidinstruments.com

website www.placidinstruments.com

DATASHEET PLACID PQV 1500T ACCELEROMETER



Performance	
Measurement Range (g)	+/- 500
Frequency range (Hz)	0.5 – 10000 Hz
Sensitivity	10 mV/g
Resonant Frequency	35 kHz
Maximum lateral sensitivity ratio	≤ 5% F.S
Environmental	
Temperature range (Celsius)	-40 - +120
Electrical	
Excitation Voltage (V)	12 to 30 VDC (Typical value : 24 VDC)
Constant current excitation	2 to 20 mA (Typical Value: 4 mA)
Output bias voltage	8 to 12 VDC
Output Impedance	≤ 150 Ω
Physical	
Size	hex 14 mm, height 28 mm
Mounting thread	M5
Electrical connector	M5
Electrical connection Position	Top
Weight	18g



PLACID INSTRUMENTS BV

Newtonlaan 115 Office No. 2.21 3584 BH UTRECHT, THE NETHERLANDS

Phone +31 302106021

email info@placidinstruments.com

website www.placidinstruments.com

PLACID Accelerometers

SPECIFICATION



Models / Unit	Type	Sensitivity (mV/g)	Measurement Range (g)	Transverse Sensitivity	Frequency Range (Hz)	Temperature Range (C)	Excitation Voltage (V)	Housing Material	Cable Type
PQV1050	Single	100	+/- 50	≤5%	0.5 - 12000	-40 - +120	+12 - +24 (IEPE)	Stainless Steel	TNC
PQV1050-4		40	+/- 50	≤5%	0.5 - 12000	-40 - +120		Stainless Steel	TNC
PQV1500S		10	+/- 500	≤5%	0.5 - 10000	-40 - +120	+12 - +30 (IEPE)	Stainless Steel	M5
PQV1500T		10	+/- 500	≤5%	0.5 - 10000	-40 - +120		Stainless Steel	M5
PQV3010	Triaxial	500	+/- 10	≤5%	0.5 - 5000	-40 - +125	+12 - +24 (IEPE)	Stainless Steel	M5
PQV3050		100	+/- 50	≤5%	0.5 - 7000	-40 - +125		Stainless Steel	M5
PQV3500		10	+/- 500	≤5%	0.5 - 10000	-40 - +125		Stainless Steel	M5

PLACID is able to customize different products, will quote and provide delivery date according to customer demand