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PLACID INSTRUMENTS



PLACID
MEASUREMENT
MICROPHONE

PMP
41-A

ACCURATE & STABLE

PLACID MEASUREMENT MICROPHONES

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

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NEW CALIBRATED INSTRUMENTS FOR REGISTERING NOISE AND VIBRATION

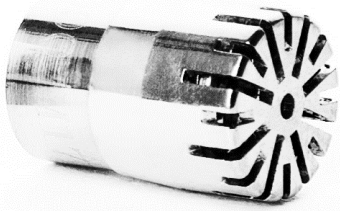


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PLACID PMP41-A

7 MM SPECIAL PRE-POLARIZED FREE-FIELD MICROPHONE, CLASS 1





Specification

Frequency Range

20 Hz to 70 kHz

Dynamic Range

34 dBA to 164 dB(A)

Nominal Sensitivity

4 mV/Pa

MEASUREMENT MICROPHONE SET

The PMP41-A is a 7 mm externally polarized free-field microphone with preamplifier, classified per IEC 61094 as WS3F Class 1.

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Specification

Basics

The PLACID PMP41-A is a high-precision condenser measurement microphone manufactured in compliance with the IEC 61094-4 requirements and classified as a class 1 microphone.
The PMP41-A microphone is optimized for free-field measurements. As all PLACID microphones, the PMP41-A comes with an individually calibration certificate.

Connectivity

The PLACID PMP41-A microphone has a BNC connector.

Uses

The PMP41-A is a robust and stable measurement microphone and is often being used in a microphone array / fixture or impedance tube for laboratory as well as field jobs.

Daily usage

PLACID recommends calibration before and after each measurement with a calibrator.

Individual calibration

All PLACID measurement microphone are being calibrated in a controlled laboratory environment using traceable calibration equipment complying with ISO17025 standards.
We recommend that all PLACID measurement microphone 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 measurement microphone are made of high-quality materials that will ensure long stability and durability.
The microphone diaphragm, body, and protection grid are made of high-grade stainless steel, which makes the microphone resistant to physical damage.
PLACID offers 2 years warranty against defective materials and workmanship.

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DATASHEET PLACID PMP41-A

Class / type	1
Polarization	0 V
Frequency range	20 Hz to 70 kHz
Dynamic range	34 – 164 dB(A)
Nominal Sensitivity	4 mV/Pa
Temperature range, operation	-30 – 75 Celsius
IEC 61094 Designation	WS3F Class 1
Humidity operating Range	0 to 98 % RH
Ventilation	Rear
Weight	1.9 grams
Height	10.5mm



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