



PLACID
MEASUREMENT
MICROPHONE

**PMP
41**

ACCURATE & STABLE

PLACID MEASUREMENT MICROPHONES

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

Placid Instruments BV

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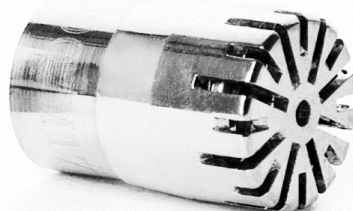
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PLACID PMP41

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



Specification

Frequency Range

20 Hz to 40 kHz

Dynamic Range

34 to 164 dB(A)

Nominal Sensitivity

4 mV/Pa

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



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Specification

Basics

The PLACID PMP41 is a high-precision condenser microphone manufactured in compliance with the IEC61094-4 requirements and classified as a class 1 microphone.

The PMP41 microphone is optimized for free-field measurements. As all PLACID microphones, the PMP41 comes with an individually calibration certificate.

Connectivity

The PLACID PMP41 microphone requires a standardized 1/4" BNC preamplifier that does not need to provide polarization

Uses

The PMP41 is a robust and stable microphone and is being used as an all-round free field microphone suitable for laboratory as well as field jobs.

Daily usage

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

Individual calibration

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

We recommend that all PLACID microphones 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 microphones 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



Class / type	1
Polarization	0 V
Frequency range	20 Hz to 40 kHz
Customized vers. By request	30 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	Side
Weight	1.9 grams
Height	10.5mm



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