



# ACCURATE & STABLE

PLACID MEASUREMENT MICROPHONES

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PMP  
41-A

Placid Instruments BV

Newtonlaan 115

Office No. 2.21

3584 BH UTRECHT

THE NETHERLANDS

info@placidinstruments.com

[www.placidinstruments.com](http://www.placidinstruments.com)

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HERE





PLACID INSTRUMENTS BV

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

Phone Landline: +31 302106021

Worldwide (except Europe): +31 613915102

Europe: +31 622813335

[info@placidinstruments.com](mailto:info@placidinstruments.com)

[www.placidinstruments.com](http://www.placidinstruments.com)

# 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 Microphone



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