

## 7052PH Phantom Powered Measurement Mic System and 4212PH Preamp



- **7052S Type 1.5™ Mic**  
(Titanium Diaphragm)
- **4212PH ACOtron™**  
(Phantom Powered Preamp)
- **WS1 Windscreen**

### Also Available:

- **MK224 Type 1 Mic**  
(MK224PH)
- **WS1-80T Treated Windscreen**
- **4212PH ACOtron™**  
Phantom Powered Preamp
- **ICP1248**  
Phantom to ICP™(PCB) Convertor
- **High SPL Options**  
To greater than 175 dB SPL

The **7052PH Type 1.5™** phantom powered measurement microphone system offers a cost effective solution to acoustic measurements from phantom powered sources. Designed to work with from 48 to 18 Vdc Phantom Power, the **7052PH** features the **7052S**. Its rugged Titanium diaphragm provides excellent longterm stability and temperature performance. The companion **4212PH ACOtron™** preamp offers both low noise and a wide dynamic range. A WS1 3" Windscreen is included.

### SPECIFICATIONS:

#### **7052S 1/2 Inch Electret Free Field Microphone**

**Type 1.5™ - a superior Type 2**

**Frequency Response:** <3 Hz to > 20kHz typ.(capsule)

**Sensitivity:** 22 mV/Pa (-33 dBV/Pa) typ.

**Dynamic Range (capsule) 1% THD:** <20dBA-150dB SPL

**Diaphragm Material:** Titanium

**TempCo:** 0.01 dB/C

**Mounting Thread:** 11.7 mm 60UNS2

#### **WS1 3 Inch Windscreen**

**Mounting:** 1/2 Inch Hole **Porosity:** 20 ppi

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#### **4212PH ACOtron™ 1/2 Inch Phantom Preamp**

**Frequency Response@ 22 pF :** 5 Hz to 200 kHz (-2 dB)

**Loss @22 pF:** 1.4 dB typ.

**Noise Floor @ 22 pF:** <1.5 uV

**Output Performance 48 to 18 V Phantom:**

**20 kHz - 14 Vpp** into a 5000pF load <1% THD

**Power Supply Sensitivity:** <0.1 dB

**Mic Mounting Thread:** 11.7 mm 60UNS2

**Power/Output Connector:** XLR 3 pin -male

**Options:**

**Windscreens:** WS7, WS1-80T and WS7-80T(treated)

**MK224 Type 1 50 mV/Pa mic (MK224PH)**

**511E SPL Calibrator**

**Custom High SPL Options - to >175 dB SPL**

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