

ACO PACIFIC, INC

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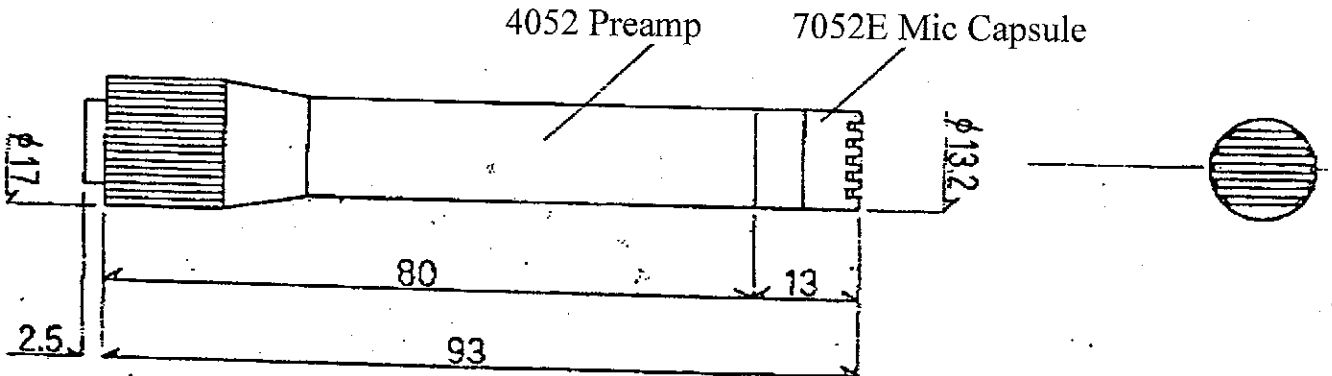
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ACOUSTICS BEGINS WITH ACO™

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7052E/4052

IEC61094 compliant
MEASUREMENT
MIC/PREAMP



The **7052E/4052** Measurement Microphone/Preamp is intended for OEM applications requiring a **cost-effective**, stable, flat, and rugged mic. The back electret construction eliminates the need for any polarizing voltage. The **Titanium diaphragm** assures both short and longterm stable frequency and amplitude response over a wide range of environmental conditions. The performance **exceeds IEC61094** specifications for microphones. Options: LF Response Testing, 4052 LF response extension

SPECIFICATIONS

Frequency Response: **20 Hz to 25 kHz** +/- 3dB LF Determined by the preamp

Sensitivity: 7052E Capsule - (-) **29dBV/Pa** (35 mV) Open Circuit

Preamp Loss: **-2 dB Typ**

Preamp Operating Voltage: **12 Vdc @2 mA**

Usable Dynamic Range: **<20 dBA** (equivalent "A" weighted noise floor)

Upper Limit (Determined by Preamp Operating Voltage)

12 Vdc - **140 dBSPL (Higher SPL with internal attenuator)**

Preamp Connector - Cable - ACO Pacific Model Number **7052SC**

Connector Pinout:

Pin A - (V+) Pin B - N/C

Pin C - **Signal** Pin D - N/C

Pin E,F -(V-) Shield at Equipment End

