


Model Number 377A14	<h1>PRECISION CONDENSER MICROPHONE</h1>			Revision: D ECN #: 42896				
Performance Nominal Microphone Diameter Frequency Response Characteristic Open Circuit Sensitivity Open Circuit Sensitivity(± 3 dB) Frequency Range(± 2 dB) Lower Limiting Frequency(-3 dB) Resonant Frequency(90° Phase Shift) Inherent Noise	<u>ENGLISH</u> 1/4" Pressure 1.0 mV/Pa -60 dB re 1 V/Pa 4 to 70,000 Hz 0.25 to 3.0 Hz 65,000 Hz <35 dB(A) re 20 μPa	<u>SI</u> 1/4" Pressure 1.0 mV/Pa -60 dB re 1 V/Pa 4 to 70,000 Hz 0.25 to 3 Hz 65,000 Hz <35 dB(A) re 20 μPa	<p style="text-align: center;">OPTIONAL VERSIONS</p> <p style="text-align: center;">Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.</p>					
Environmental Temperature Range(Operating) Temperature Coefficient of Sensitivity(+14 to +122°F (-10 to +50°C)) Static Pressure Coefficient Humidity Coefficient of Sensitivity(0 to 100%, non-condensing) Influence of Axial Vibration(0.1g (1 m/s ²))	>174 dB re 20 μPa -40 to +248 °F 0.004 dB/°F -0.003 dB/kPa ± 0.0012 dB/%RH 66 dB re 20 μPa	>174 dB re 20 μPa -40 to +120 °C 0.007 dB/°C -0.003 dB/kPa ± 0.0012 dB/%RH 66 dB re 20 μPa						
Electrical Capacitance(Polarized) Polarization Voltage	5 pF 0 V	5 pF 0 V	<p>NOTES:</p> <p>[1] Typical. [2] Prepolarized [3] re 250 Hz</p> <p>SUPPLIED ACCESSORIES: Model ACS-20 Calibration of Precision Condensor Microphones (1)</p>					
Physical Housing Material Venting Mounting Thread(Preamplifier) Mounting Thread(Grid) Size (Diameter x Height)(with grid) Size (Diameter x Height)(without grid) Weight	Stainless Alloy Side 0.2244 - 60 UNS 0.25 - 60 UNS 0.28 in x 0.41 in 0.25 in x 0.36 in 0.06 oz	Stainless Alloy Side 5.7 mm - 60 UNS 6.35 mm - 60 UNS 7.0 mm x 10.5 mm 6.4 mm x 9.1 mm 1.8 gm						
<p><i>All specifications are at room temperature unless otherwise specified.</i></p> <p><i>In the interest of constant product improvement, we reserve the right to change specifications without notice.</i></p> <p>ICP® is a registered trademark of PCB Group, Inc.</p>			<div style="display: flex; justify-content: space-between;"> <div data-bbox="1119 813 1638 911">  <p>3425 Walden Avenue, Depew, NY 14043</p> </div> <div data-bbox="1638 813 1927 911"> <p>Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com</p> </div> </div>					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Entered: AP</td> <td style="width: 25%;">Engineer: MJN</td> <td style="width: 25%;">Sales: MV</td> <td style="width: 25%;">Approved: MT</td> <td style="width: 20%;">Spec Number:</td> </tr> </table>				Entered: AP	Engineer: MJN	Sales: MV	Approved: MT	Spec Number:
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