


Model Number 377C10	PRECISION CONDENSER MICROPHONE			Revision: G 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 3.0 Hz 65,000 Hz <35 dB(A) re 20 μPa	OPTIONAL VERSIONS Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.					
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	NOTES: [1] Typical. [2] Prepolarized [3] re 250 Hz					
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 Rear 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 Rear 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						
<i>All specifications are at room temperature unless otherwise specified. In the interest of constant product improvement, we reserve the right to change specifications without notice.</i> ICP® is a registered trademark of PCB Group, Inc.			SUPPLIED ACCESSORIES: Model ACS-20 Calibration of Precision Condensator Microphones (1)					
<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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