


Model Number 377C01	<h1>PRECISION CONDENSER MICROPHONE</h1>		Revision: G ECN #: 42896											
Performance Nominal Microphone Diameter Frequency Response Characteristic(at 0° incidence) Open Circuit Sensitivity Open Circuit Sensitivity(± 3 dB) Frequency Range(± 1 dB) Frequency Range(± 2 dB) Frequency Range(± 3 dB) Lower Limiting Frequency(-3 dB) Resonant Frequency(90° Phase Shift) Inherent Noise	ENGLISH 1/4" Free-Field 2.0 mV/Pa -54 dB re 1 V/Pa 6 to 12,500 Hz 4 to 80,000 Hz 3 to 100,000 Hz 0.25 to 3.0 Hz 75,000 Hz <35 dB(A) re 20 μPa	SI 1/4" Free-Field 2.0 mV/Pa -54 dB re 1 V/Pa 6 to 12,500 Hz 4 to 80,000 Hz 3 to 100,000 Hz 0.25 to 3.0 Hz 75,000 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.											
Dynamic Range(3% Distortion Limit) Standards Designation(IEC 61094-4)	>164 dB re 20 μPa WS3F	>164 dB re 20 μPa WS3F	NOTES: [1] Typical. [2] Prepolarized [3] re 250 Hz											
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))	-40 to +248 °F 0.003 dB/°F -0.009 dB/kPa ± 0.001 dB/%RH 60 dB re 20 μPa	-40 to +120 °C 0.006 dB/°C -0.009 dB/kPa ± 0.001 dB/%RH 60 dB re 20 μPa	SUPPLIED ACCESSORIES: Model ACS-20 Calibration of Precision Condenser Microphones (1)											
Electrical Capacitance(Polarized) Polarization Voltage	4.5 pF 0 V	4.5 pF 0 V	<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> <tr> <td>Date: 5/7/2014</td> <td>Date: 5/7/2014</td> <td>Date: 5/7/2014</td> <td>Date: 5/7/2014</td> <td style="text-align: center;">40152</td> </tr> </table>		Entered: AP	Engineer: MJN	Sales: MV	Approved: MT	Spec Number:	Date: 5/7/2014	Date: 5/7/2014	Date: 5/7/2014	Date: 5/7/2014	40152
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Date: 5/7/2014	Date: 5/7/2014	Date: 5/7/2014	Date: 5/7/2014	40152										
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.			 Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com 3425 Walden Avenue, Depew, NY 14043											