


Model Number 377B02	PRECISION CONDENSER MICROPHONE		Revision: K ECN #: 45005
Performance Nominal Microphone Diameter Frequency Response Characteristic(at 0° incidence) Open Circuit Sensitivity Open Circuit Sensitivity(± 1.5 dB) Frequency Range(± 1 dB) Frequency Range(± 2 dB) Lower Limiting Frequency(-3 dB) Resonant Frequency(90° Phase Shift) Inherent Noise Dynamic Range(3% Distortion Limit) Standards Designation(IEC 61094-4)	ENGLISH 1/2" Free-Field 50 mV/Pa -26 dB re 1 V/Pa 5 to 10,000 Hz 3.15 to 20,000 Hz 1.0 to 2.4 Hz 10,400 Hz 15 dB(A) re 20 µPa 147 dB re 20 µPa WS2F	SI 1/2" Free-Field 50 mV/Pa -26 dB re 1 V/Pa 5 to 10,000 Hz 3.15 to 20,000 Hz 1.0 to 2.4 Hz 10,400 Hz 15 dB(A) re 20 µPa 147 dB re 20 µPa WS2F	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))	-40 to +302 °F 0.005 dB/°F -0.013 dB/kPa ± 0.001 dB/%RH 63 dB re 20 µPa	-40 to +150 °C 0.009 dB/°C -0.013 dB/kPa ± 0.001 dB/%RH 63 dB re 20 µPa	NOTES: [1] Typical. [2] Prepolarized [3] re 250 Hz
Electrical Capacitance(Polarized) Polarization Voltage	12 pF 0 V	12 pF 0 V	SUPPLIED ACCESSORIES: Model ACS-20 Calibration of Precision Condensator Microphones (1) Entered: LK Engineer: MT Sales: MV Approved: MT Spec Number: Date: 10/13/2016 Date: 10/13/2016 Date: 10/13/2016 Date: 10/13/2016 29289
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 0.4606 - 60 UNS 0.5 - 60 UNS 0.52 in x 0.64 in 0.5 in x 0.6 in 0.28 oz	Stainless Alloy Rear 11.7 mm - 60 UNS 12.7 mm - 60 UNS 13.2 mm x 16.2 mm 12.7 mm x 15.3 mm 7.8 gm	 3425 Walden Avenue, Depew, NY 14043 Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com
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. ICP® is a registered trademark of PCB Group, Inc.			



Represented in India by

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