


Model Number 377A15		<b>PRECISION CONDENSER MICROPHONE</b>		Revision: NR ECN #: 44857	
<b>Performance</b>		<b>ENGLISH</b>	<b>SI</b>	<b>OPTIONAL VERSIONS</b>	
Nominal Microphone Diameter		1"	1"	Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.	
Frequency Response Characteristic		Pressure	Pressure		
Open Circuit Sensitivity		50 mV/Pa	50 mV/Pa	[3]	
Open Circuit Sensitivity(+/-2 dB)		-26 dB re 1 V/Pa	-26 dB re 1 V/Pa	[3]	
Frequency Range(+/-2 dB)		5 to 8000 Hz	5 to 8000 Hz		
Lower Limiting Frequency		1 to 3 Hz	1 to 3 Hz		
Resonant Frequency(90° Phase Shift)		8600 Hz	8600 Hz	[1]	
Inherent Noise		10 dB(A) re 20 µPa	10 dB(A) re 20 µPa	[1]	
Inherent Noise		<11.5 dB(A) re 20 µPa	<11.5 dB(A) re 20 µPa		
Dynamic Range(3% Distortion Limit)		>150 dB re 20 µPa	>150 dB re 20 µPa		
Standards Designation(IEC 61094-4)		WS1P	WS1P		
<b>Environmental</b>				<b>NOTES:</b>	
Temperature Range(Operating)		-40 to +248 °F	-40 to +120 °C	[1]Typical.	
Temperature Coefficient of Sensitivity(+14 to +122°F (-10 to +50°C))		+0.006 dB/°F	+0.01 dB/°C	[2]Prepolarized	
Static Pressure Coefficient		-0.012 dB/kPa	-0.012 dB/kPa	[3]re 250 Hz	
Humidity Coefficient of Sensitivity(0 to 100%, non-condensing)		+/-0.001 dB/%RH	+/-0.001 dB/%RH		
Influence of Axial Vibration(0.1g (1 m/s <sup>2</sup> ))		66.5 dB re 20 µPa	66.5 dB re 20 µPa	[1]	
<b>Electrical</b>				<b>SUPPLIED ACCESSORIES:</b>	
Capacitance		45 pF	45 pF	Model ACS-20 Calibration of Precision Condenser Microphones (1)	
Polarization Voltage		0 V	0 V		
<b>Physical</b>				Entered: LK	
Housing Material		Stainless Alloy	Stainless Alloy	Engineer: MJN	
Venting		Rear	Rear	Sales: MV	
Mounting Thread(Preamplifier)		0.9098-60 UNS	23.11mm-60 UNS	Approved: MT	
Mounting Thread(Grid)		0.9098-60 UNS	23.11mm-60 UNS	Spec Number:	
Size (Diameter x Height)(with grid)		0.936 in x 0.748 in	23.77 mm x 19 mm	Date: 12/21/2015	
Size (Diameter x Height)(without grid)		0.936 in x 0.668 in	23.77 mm x 17 mm	Date: 12/21/2015	
Weight		1.08 oz	30.6 gm	Date: 12/21/2015	
All specifications are at room temperature unless otherwise specified.				Date: 12/21/2015	
In the interest of constant product improvement, we reserve the right to change specifications without notice.				63104	
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	



Represented in India by

**Structural Solutions Pvt Ltd. | Phone: 040 2322 2380 | Email: sales@stsols.com**

#4th Floor, Sudheer Tapani Towers, Himayath Nagar, Hyderabad - 500 029