

GRAS 40SC

CCP



Freq range: 2 Hz to 8 kHz
Dyn range: 40 dB to 160 dB
Sensitivity: 3 mV/Pa

CCP 40SC
800 °C

GRAS Sound & Vibration
Skovlytoften 33, 2840 Holte, Denmark
www.grasacoustics.com

GRAS

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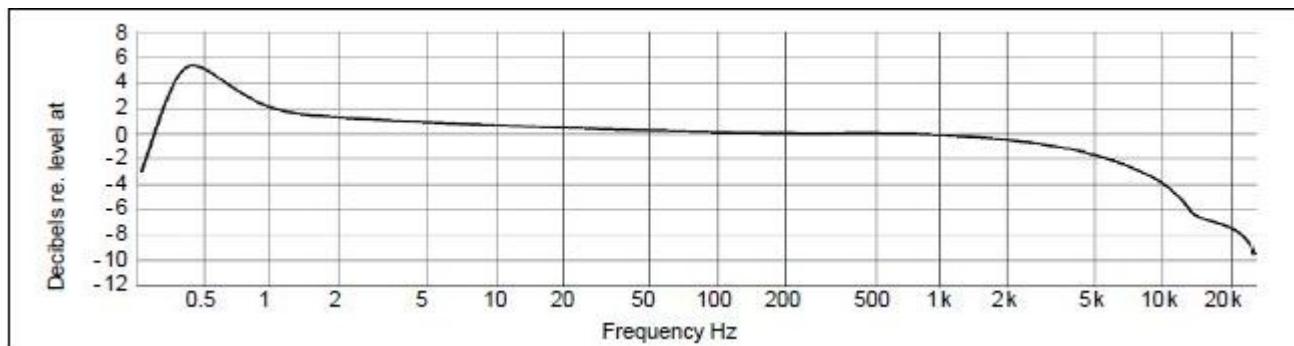
40SC 40SC
2 Hz 20 kHz CCP 40
dB 160 dB re. 20 Pa
BNC GRAS 12AL CCP
CCP 40SC 40SC
 0.1
40SC 20 40 80 160
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40SC

40SC

Polarization/Connection		0 V / CCP
Frequency range (± 3 dB)	Hz	2 to 8 k
Dynamic range lower limit (microphone thermal noise)	dB(A)	40
Dynamic range upper limit	dB	>160
Set sensitivity @ 250 Hz (± 3 dB)	mV/Pa	3
Polarization voltage	V	0 V / CCP
Power supply (Constant Current Power)	mA	2 to 20
IEC 61094-4 Compliance		WS3P
Output impedance	Ω	<50
Temperature range, operation	°C / °F	-25 to 700 / -13 to 1292
Temperature range, storage	°C / °F	-40 to 85 / -40 to 185
Temperature range with GRAS preamplifier, operation	°C / °F	-25 to 70 / -13 to 158
Connector type		BNC
CE/RoHS compliant/WEEE registered		Yes/Yes/Yes
Weight	g / oz	40 / 1.4110

0.1



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Where not specified, measures are in mm.

Length (housing)	83.80
Diameter	12.7
Probe tube outside diameter	1.25
Probe tube inside diameter	1
Cable diameter	2.5
Cable length	3 metres

Included items

GRAS GR0265	Pistonphone adapter for stainless steel probe
GRAS GR0266	Pistonphone adapter for flexible probe
GRAS GR0267	Heat sink and tool
GRAS RA0326	Calibration coupler
GRAS GR0263	1.3 mm insert pin for calibration coupler
GRAS GR0266	1.6 mm insert pin for calibration coupler
GRAS YY0004	Pair of pliers
GRAS YY0005	File
GRAS MI0016	Silicon grease
GRAS EK0018	Teflon tubing (L=0.5 m, Dia.: 1.6 mm)
GRAS GR0258	20 mm probe tube
GRAS GR0259	40 mm probe tube
GRAS GR0260	80 mm probe tube
GRAS GR0261	160 mm probe tube
GRAS GR0401	Flexible probe tube
GRAS SK5546	Needle (for cleaning the probe)

Optional items

GRAS AA0035	3 m BNC - BNC Cable
GRAS 12AA	2-Channel Power Module with gain, filters and SysCheck generator
GRAS 12AQ	2-Channel Universal Power Module with signal conditioning and PC interface
GRAS 42AA	Pistonphone, Class 1
GRAS 42AP	Intelligent Pistonphone, Class 0

GRAS Sound & Vibration reserves the right to change specifications and accessories without notice.

GRAS Worldwide

Subsidiaries and distributors in more than 40 countries

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About GRAS Sound & Vibration

GRAS is a worldwide leader in the sound and vibration industry. We develop and manufacture state-of-the-art measurement microphones and related equipment for industries where acoustic measuring accuracy and repeatability are of the utmost importance. This includes applications and solutions for customers within the fields of aerospace, automotive, audiology, consumer electronics and other highly demanding industries. GRAS microphones are designed to live up to the high quality, durability and accuracy that our customers have come to expect, trust and require. GRAS Sound & Vibration is represented through subsidiaries and distributors in more than 40 countries and is part of Axiometrix Solutions, a leading test solutions provider comprised of globally recognized measurement brands. Read more at www.grasacoustics.com

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