GRAS 43AF

1'' 6cc Coupler Kit According to IEC 60318-3

Connection: 200 V/LEMO
Volume: 6 cc
Dyn range: 14 dB(A) to 146 dB
ANSI: S3.7
IEC: 60318-3

The GRAS 43AF Coupler Kit is a complete test jig for acoustically testing telephone handsets and earphones and complies with ANSI S 3.7 – 1995 – American National Standard for Testing Earphones.:

GRAS Sound & Vibration A/S
Skovlytoften 33, 2840 Holte, Denmark
www.gras.dk

GRAS Sound & vibration

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Specifications

Theoretical dynamic range lower limit with GRAS preamplifier	dB(A)	14
Theoretical dynamic range upper limit with GRAS preamplifier @ +28 V / ±14 V power supply	dB	134
Theoretical dynamic range upper limit with GRAS preamplifier @ +120 V / ±60 V power supply	dB	146
Set sensitivity @ 250 Hz (±2 dB)	mV/Pa	50
Set sensitivity @ 250 Hz (±2 dB)	dB re 1V/Pa	-26
Coupler volume	mm^3	0.4 ccm
Temperature range, operation	°C / °F	-30 to 60 / -22 to 140
Temperature coefficient @250 Hz	dB/°C / dB/°F	-0.01 / -0.006
Humidity range non condensing	% RH	0 to 80
ANSI standard		S3.7
IEC standard		60318-3 (former 60303)
ITU-T recommondations		P.380
CE/RoHS compliant/WEEE registered		Yes/Yes/Yes
Connector type		3 m 7-pin LEMO
Weight	g / oz	1.75 / 61.729
Specification Conditions		GRAS Sound & Vibration reserves the right to change specifications and accessories without notice.

Ordering Info

Included

GRAS RA0075	NBS 9A Coupler
GRAS RA0076	Thread Adapter
GRAS 40EN	1" Microphone
GRAS 26AC	¼" Preamplifier
GRAS RA0052	Test Jig

Optional

GRAS 12AK	Power Module
GRAS 42AA	Pistonphone

Miscellaneous

GRAS RA0196	High-tension springs (set of two)

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We Make Microphones

Tradition

Since the establishment in 1994, GRAS has been 100% dedicated to developing and manufacturing high-quality measurement microphones and related acoustic equipment.

Innovation

We work with everybody with an interest in sound or noise within the fields of aerospace, automotive, audiology, consumer electronics, noise monitoring, building acoustics and telecommunications.

Quality

At GRAS we know that in order for you to trust your measurement results; signal quality, stability and robustness are essentials. We design and build them to perform under real life conditions – and beyond.

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