GRAS 43AF-S1

1'' 6cc Coupler Kit According to IEC 60318-3 with 26AB Preamplifier

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

The GRAS 43AF-S1 Artificial Ear 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
Skovlytoften 33, 2840 Holte, Denmark
www.grasacoustics.com

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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	6 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

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 26AB	¼" Preamplifier
GRAS RA0052	Test Jig
GRAS AA0008	3 m LEMO 7-pin - LEMO 7-pin Cable

Optional

GRAS 12AK	Power Module
GRAS 42AA	Pistonphone

Miscellaneous

GRAS RA0196	High-tension springs (set of two)

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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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