

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.:

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.:

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 recommendations		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.

Included

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

Optional

GRAS 12AK	Power Module
GRAS 42AA	Pistonphone

Miscellaneous

GRAS RA0196	High-tension springs (set of two)
-----------------------------	-----------------------------------

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

GRAS Worldwide

Subsidiaries and distributors in more
than 40 countries

HEAD OFFICE, DENMARK
GRAS SOUND & VIBRATION
Skovlytoften 33
2840 Holte
Denmark
Tel: +45 4566 4046
www.gras.dk
gras@gras.dk

USA
GRAS SOUND & VIBRATION
5750 S.W. Arctic Drive
Beaverton, OR 97005
Tel: 503-627-0832
Toll Free: 800-231-7350
www.gras.us
sales@gras.us

CHINA
GRAS SOUND & VIBRATION
Room 303, Building T6
Hongqiaohui, 990, Shenchang Road
Minhang District, Shanghai
China, 201106
Tel: +86 21 64203370
www.gras.com.cn
cnsales@gras.dk



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 to industries where acoustic measuring accuracy and repeatability is of utmost importance in R&D, QA and production. This includes applications and solutions for customers within the fields of aerospace, automotive, audiology, and consumer electronics. GRAS microphones are designed to live up to the high quality, durability and accuracy that our customers have come to expect and trust.

GRAS Sound
& Vibration