

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.:

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| | | |
|--|-----------------|------------------------|
| 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 |
| 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 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.

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