GRAS 45BB-11

KEMAR 1 LEMO

200 V/LEMO
1
ANSI: S3.36
IEC 60318-7
ITU-T Rec. P.58

45BB-11 KEMAR
GRAS 45BB-12 KEMAR 2 LEMO

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

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KEMAR Knowles 1972
KEMAR.us ANSI
S3.36/ASA58-2012 IEC 60318-7:2011

KEMAR KEMAR GRAS

45BB KEMAR 45BB KEMAR
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45BB-11 KEMAR

USB

45BB-11 GRAS 43BB KB5000/KB5001

43BB

43BB IEC 60318-4 40HT

40AH

10 kHz IEC 60318-4 10 kHz
13.5 kHz Q Q

26HG GRAS 26AC ¼ 40 G
7 LEMO 26HT

12HF

43BB

35 Shore 00

KEMAR

KEMAR
DUT

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45BB-11

THD Rub & Buzz

45BB-11 KEMAR

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KEMAR 2

KEMAR 5 6

Connector type		7-pin LEMO (FGG.1B.307)
Set sensitivity @ 250 Hz (±2 dB)	mV/Pa	800
Theoretical dynamic range lower limit with GRAS preamplifier	dB(A)	10.5
Theoretical dynamic range upper limit with GRAS preamplifier @ +28 V / ±14 V power supply	dB	113
Temperature range, operation	°C / °F	-30 to 60 / -22 to 140
Temperature range, storage	°C / °F	-40 to 65 / -40 to 149
Humidity range non condensing	% RH	0 to 95%
ANSI standard		S3.36
IEC standard		60318-7
ITU-T recommondations		P. 58
Weight	g / oz	11.45 k / 404

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Ordering info

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GRAS 45BB	KEMAR Head & Torso, Non-configured
GRAS KB5000	Large Right Anthropometric Pinna 35 Shore 00
GRAS KB5001	Large Left Anthropometric Pinna 35 Shore 00
GRAS GR1874	Ear Simulator Holder
GRAS AA0035	BNC-BNC Cable, 3 m
GRAS 43BB-1	Low-noise Ear Simulator System, comprising:
GRAS GR0408	External Ear Canal
GRAS GR0409	Union Nut
GRAS RA0001	Right Angled Adapter for 1/2" Microphone and 1/4" Preamplifier (2 pcs)
GRAS RA0234	Low-noise Ear Simulator
GRAS 26HG	1/4" Preamplifier with 3 m Integrated Cable
GRAS 26HT	Gain and Filter Unit for 40HT
GRAS 12HF	1-Channel Power Module for Lownoise Systems
GRAS AA0059	LEMO 7-pin - LEMO 7-pin Cable, 1 m

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GRAS 42AP	Intelligent Pistonphone (250 Hz or 251.2 Hz, 114 dB +/- 0.05 dB)
GRAS 42AA	Pistonphone (250 Hz, 114 dB +/- 0.08 dB)
GRAS RA0090	94 dB Pistonphone Coupler

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GRAS KB0060	KEMAR Small Right Ear 55 Shore 00
GRAS KB0061	KEMAR Small Left Ear 55 Shore 00
GRAS KB0065	KEMAR Large Right Ear 55 Shore 00
GRAS KB0066	KEMAR Large Left Ear 55 Shore 00

GRAS KB1060	KEMAR Small Right Ear, 35 Shore 00
GRAS KB1061	KEMAR Small Left Ear 35 Shore 00
GRAS KB1065	KEMAR Large Right Ear 35 Shore 00
GRAS KB1066	KEMAR Large Left Ear 35 Shore 00
GRAS KB0090	KEMAR Large Right Ear (VA-Style/SQ) 55 Shore 00
GRAS KB0091	KEMAR Large Left Ear (VA-Style/SQ) 55 Shore 00
GRAS KB1090	KEMAR Large Right Ear (VA-Style) 35 Shore 00
GRAS KB1091	KEMAR Large Left Ear (VA-Style) 35 Shore 00

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GRAS KB0110	Ear Mould Simulator for 2 mm Inner diameter tubing
GRAS KB0111	Ear Mould Simulator for 3 mm Inner diameter tubing

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GRAS RA0237	Straight Ear Canal Extension Kit for KEMAR
GRAS RA0238	VA-tapered Ear Canal Extension Kit for KEMAR
GRAS RA0239	Ear canal Extension Kit w. silicone lining for KEMAR
GRAS RA0240	Holder for long 1/2" microphone Kit for KEMAR
GRAS RA0241	Holder for short 1/2" microphone Kit for KEMAR
GRAS RA0243	Holder for 1/2" microphone Kit for KEMAR
GRAS RA0244	O-ring kit for KEMAR, 2 pcs.
GRAS RA0249	Straight Ear Canal Extension Kit for KEMAR, made of POM, for binaural hearing aid test
GRAS RA0250	Tapered Ear Canal Extension Kit for KEMAR, made of POM, for binaural hearing aid test

KEMAR □□□□□□□□□□□

GRAS RA0251	KEMAR Retrofit Kit for Binaural Hearing Aid Test: The Kit includes Ear Holder Plates, mounting bolts and the RA0249 and RA0250 Ear Canal Extension Kits. Included items are made of POM, Nylon and Teflon.

Ordering info

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GRAS RA0311	KEMAR Retrofit Kit for Anthropometric Pinna. The Kit includes Ear Simulator Holder, 2 finger screws and a 3 mm Allen Key.

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GRAS AA0046	3 m LEMO 7-pin - LEMO 7-pin Cable for Low-noise measuring system
GRAS AA0047	10 m LEMO 7-pin - LEMO 7-pin Cable for Low-noise measuring system

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GRAS KM0094	PELI Case for KEMAR

KEMAR □□□□

GRAS KB3000	Simulation Model of KEMAR with large pinnae
GRAS KB3001	Simulation Model of KEMAR with small pinnae

KEMAR □□

GRAS AL0026	Loudspeaker stand for KEMAR, Ø 35 mm

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GRAS KB0000	KEMAR Handbook
GRAS KB0010	T-Shirt for KEMAR

GRAS Sound & Vibration

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.GRASacoustics.com
gras@grasacoustics.com

USA
GRAS SOUND & VIBRATION
9290 SW Nimbus Avenue
Beaverton, OR 97008
Tel: 503-627-0832
Toll Free: 800-231-7350
www.GRASacoustics.com
sales-usa@grasacoustics.com

UK
GRAS SOUND & VIBRATION
Unit 115, Gibson House,
Ermine Business Park, Huntingdon,
Cambridgeshire, PE29 6XU
Tel: +44 (0) 7762 584 202
www.GRASacoustics.com
sales-uk@grasacoustics.com

CHINA
GRAS SOUND & VIBRATION
Room 315, RuiBo Center(T1)
Lane683, Shenhong Rd,
Minhang District,
Shanghai, China, 201107
Tel: +86 21 64203370
www.GRASacoustics.cn
cnsales@grasacoustics.com

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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