

## TECHNICAL PARAMETERS Modal exciter S 51120-MNC

Rated peak force Sine <sub>pk</sub> /Random <sub>RMS</sub> <sup>1</sup>	200/100 N
Frequency range	DC - 3000 Hz
Main resonance frequency (free-swinging)	>4000 Hz
Max. displacement Peak-Peak	9 mm
Max. velocity	1.3 m/s
Suspension stiffness	70 N/mm
Effective moving mass	0.5 kg
Total mass	18 kg
Coupling thread	M8

1) Random force according to ISO 5344:2004

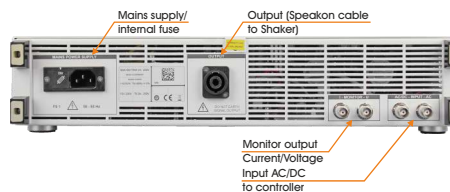


## SCOPE OF DELIVERY, OPTIONS AND FEATURES OF THE SYSTEM

<b>Scope of delivery:</b> Modal exciter 200 N Power amplifier 500 VA Temperature monitoring (terminal box) Connection cable (3 m) Power cable (1.5 m) for amplifier (CEE 7/4 connector)	<b>Options:</b> Trunnion mount with vibration isolation Stinger (see Modal brochure for details) Cable extension Factory acceptance test	<b>Features:</b> High cross-axial stiffness Light weight construction by using rare earth magnet Temperature monitoring of moving coil Minimum maintenance effort Made in Germany Service hotline
---	--	--

## TECHNICAL PARAMETERS Power Amplifier BAA 120

Output power <sub>RMS</sub>	120 VA
Frequency range	DC - 20 kHz
Voltage-/Current mode	yes/yes
Voltage <sub>RMS</sub> , max.	22 V
Current <sub>RMS</sub> , max.	5.5 A
Signal input voltage <sub>RMS</sub>	< 5 V
Distortion	< 0.05 %
Signal to noise ratio	> 100 dB
Total mass	9 kg
Dimensions (WxHxD)	440 x 90 x 290 mm
Power supply (Standard)	1 ~ / N / PE 230 V ±5% 50/60 Hz CEE 7/7
Recommended fuse protection (Standard)	16 A slow
Max. power consumption at 230 V	0.08 kVA
Interlocks:	Overload, Temperature, Clipping
<b>Features:</b>	
High Signal to noise ratio of > 100 dB	
Option for power supply of 100 V or 120 V ±5% 50/60 Hz	



S 51120-MNC (Example drawing) (mm)

