

## TECHNICAL PARAMETERS

Output power <sub>RMS</sub> , max.	1300 VA
Frequency range	2 - 25000 Hz
Voltage-/Current mode	yes/no
Voltage <sub>RMS</sub> , max.	72 V
Current <sub>RMS</sub> , max.	18 A
Signal input voltage <sub>PK</sub>	3.5 V
Distortion (THD, frequency range 40 Hz to 1 kHz)	< 0.1 %
Signal to noise ratio	> 100 dB
Field power supply (FPS)	yes (external)
Field voltage, max.	69 V
Field current, max.	9 A
Total mass (Amplifier+FPS)	43 kg
Dimensions (Amplifier+FPS) (WxHxD)	440 x 260 x 500 mm
Power supply (Amplifier)	1~ / N / PE 230 V±5% 50 Hz, CEE 7/7
Power supply (FPS)	1~ / N / PE 230 V±5% 50 Hz, CEE 7/7
Recommended fuse protection	each one 16 A slow
Max. power consumption at 230 V (Amplifier)	1.3 kVA
Max. power consumption at 230 V (TMC+FPS+Blower)	1.7 kVA
(at operation with vibration test system TV 5220/LS-120)	
Interlocks:	Overload, temperature, clipping, air, distortion

### Features:

- TIRA analog amplifiers can be adapted to all permanent magnet driven shakers on the market
- High Signal to noise ratio of > 100 dB
- Low distortion factor of < 0.1 %
- OLED multifunctional display
- Safety management system monitors functions as temperature, overcurrent, overtravel and more
- Selectable mains voltage range (Adjustment 100 V, 120 V or 230 V factory preset)
- Adjustable current limit
- Monitoring output of voltage and current
- Phasing between input- and output signal turnable
- Power cable length 1.5 m with CEE 7/7 connector

