

## TECHNICAL PARAMETERS

Output power <sub>RMS</sub> , max.	1300 VA
Frequency range	DC - 25000 Hz
Voltage-/Current mode	yes/yes
Voltage <sub>RMS</sub> , max.	72 V
Current <sub>RMS</sub> , max.	18 A
Optimum load impedance	4 Ohm
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)	39 kg
Dimensions (Amplifier+FPS) (WxHxD)	440 x 200 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 (FPS+Blower) (at operation with vibration test system TV 5220-120)	1.6 kVA
Interlocks:	Overload, temperature, clipping, overtravel

### 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)
- Operation switchable in current or voltage mode
- 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

