

Equipment for static test of GCUs and their modules

>PA-RST1<



Designed for the weapon system TORNADO to test the GCU (generator control unit) and its subassemblies (PCBs).

- > Measuring values: Generator voltage, PMG-voltage, Exciting current, Frequency, Logic level enquiry etc.
- > Voltage simulation via two independent 3-phase AC-sources
- > Easy trouble shooting via a separate panel with bridged sockets for all unit contacts
- > Integrated switch matrix for signal change-over
- > Preparation of a test report with all relevant measuring parameters
- > Uninterruptible power supply to protect the PC in case of power failure
- > Remote maintenance via modem

TECHNICAL DATA

<p>> Supply voltage - test stand:</p> <p>Mains supply: 3/N/PE AC 50Hz 400V Nominal power: 2800 VA Nominal current: 4 A</p>	<p>> Measurements:</p> <p>Voltage Accuracy: 0.5 % o.f.s. Range: 0 - 200 VAC</p> <p>Voltage Accuracy: 0.5 % o.f.s. Range: 0 - 30 VDC</p> <p>Voltage Accuracy: 1.0 % o.f.s. Range: 0 - 14 VAC</p> <p>Voltage Accuracy: 0.5 % o.f.s. Range: -80 to +80 VDC</p> <p>Current Accuracy: 0.5 % o.f.s. Range: 0 - 1 ADC</p> <p>Resistance Accuracy: 0.5 % o.f.s. Range: 0 - 10 kOhm</p> <p>Frequency Accuracy: 0.2 % o.f.s. Range: 0 - 3 kHz</p>
<p>> Noise level:</p> <p>70 dB (A)</p>	
<p>> Uninterruptible power supply:</p> <p>Bridging time at full load: approx. 10 min</p>	
<p>> Dimensions and weight:</p> <p><u>Operation panel:</u> Width: approx. 2080 mm Depth: approx. 1000 mm Height: approx. 1350 mm</p> <p><u>Switch cabinet I:</u> Width: approx. 620 mm Depth: approx. 820 mm Height: approx. 2160 mm</p> <p><u>Switch cabinet II:</u> Width: approx. 820 mm Depth: approx. 460 mm Height: approx. 2160 mm</p> <p><u>Total weight:</u> approx. 1050 kg</p>	

OPTIONS

A wide range of options is available to fulfil our customers' requirements.
 e.g.: Adaption for different weapon systems, different measuring values, etc.