



Elektro-Automatik

Why should I chose for an EA-PSI 9000 T?

Advantages:

- Auto-ranging Output: Compared to power systems with conventional (rectangular) output characteristic, the auto-ranging feature allows to power a much larger number of devices (EUTs) with different nominal voltages
- Highly isolated structure, therefore much less sensitive against disturbances under operation (high electro-magnetic immunity to industrial environment standard, high reliability)
- EMI compliant to EN 61000-6-3, EN 55022 class B (meets EMI requirement for residential-, commercial- and light-industrial environment)
- Fast discharge of output capacitance to IEC 1010 (high user safety, output voltage will decrease to <60VDC within < 10 sec. even under no-load condition)
- Standard on-board USB interface. Optional: 3-way interface analogue 0-5V/0-10V, USB, Ethernet/LAN (all galvanically isolated, easy plug'n play retrofit)
- TFT Touch Display with 64.000 colours with integrated comfortable function generator (default waveforms: sinus, triangle, rectangular, trapezoid, arbitrary, ramp), intuitive operation, all set- and read back values and functions in one view
- Integrated R-Mode (inner-resistance simulation): To simulate batteries (lead-acid, lead-gel, Nickel-Cadmium, Lithium, Nickel-metal-Hydride and others)
- High-performance FPGA (Field-Programmable-Gate-Array Lattice ECP3LFE17EA) allowing up to 10 times faster programming-reaction time
- High resolution of up to 16 Bit (very fine programming and read-back steps)
- Voltage accuracy 0.1% of nominal
- Professional user/control software for up to 20 devices (license fee applies)
- Safety to IEC/EN 61010