



DEWE-571-PA

- 1 Display
- 2 Slots for voltage/current inputs
- 3 Power supply transducers
- 4 Counter & EPAD connectors (on back side)
- 5 LAN, USB, VGA interface (on front and back side)



DEWE-571-PA	
Dynamic analog input channels	8
Bandwidth	300 kHz
Voltage input	200 V to 1400 V
Current transducer input	0.3 V to 10 V for current clamps and transducers, 0.7 mV to 0.7 V for ampflex
Typ. accuracy	±0.02 % of reading
External quasi-static channel expansion	EPAD interface, up to 16 EPAD2 modules = 128 ch
A/D conversion	
Sampling method	Simultaneous
Sampling rate	1 MS/s/ch
Resolution	16 bit
Digital I/O and counters	
Digital I/O	2 x Digital IN, 2 x Relay output (normally open)
Options	CAN, video, motion sensor, ...
Optional sensors	Zero flux transducer, hall clamps, flexcoils, shunts, TEDS support depending on sensor
Sensor supply	Internal power supply for DEWETRON sensors and probes, 9 V / ±15 V
Main system	
Hard disk	120 GB SSD
Data throughput	Typ. 90 MB/s
Power supply	External AC/DC power supply 100 to 240 V _{AC}
Battery power	2 hot-swappable batteries
Display	12" TFT wide-screen with multi-touch screen (1280 x 800)
Processor	Intel® Core™ i5
RAM	4 GB
Ethernet	2x 10/100/1000 BaseT
USB	2
Operating system	Microsoft® WINDOWS® 7
Dimensions (W x D x H)	360 x 300 x 150 mm (14.2 x 11.8 x 5.9 in.)
Weight (AC and DC System)	Typ. 5 kg (11 lb.)
Environmental specifications	
Operating temperature	Discharging 0 to +50 °C, charging 0 to +45 °C, without batteries -5 to +50 °C
Storage temperature	-20 to +70 °C
Humidity	10 to 90 % non cond., 5 to 95 % rel. humidity
Max. altitude	Altitude 2000 m (6560 ft)
Sine vibration (EN 60068-2-6)	Acceleration 20 m/s ² , freq. 10 Hz - 150 Hz, sweep 1 oct/min, 20 cycles
Shock (EN 60028-2-27)	Shape, acceleration amplitude, duration, test in 3 axis, 3 shocks in each axis and direction
Random vibration (EN 60721-3-2)	Class 2M2 (spectral acceleration density 1 m ² /s ³ , frequency range 10 Hz - 200 Hz, duration 30 min/direction)
Applications	
PA test bench	yes
PA 3 phase electrical engine	yes
PA 4 phase electrical engine	yes
PQA charging stations	yes
PQA monitoring of power systems	yes
PQA grid compatibility	yes