

DEWE-43A **DEWESOFT
7-YEAR WARRANTY**

Our warranty covers that the instruments function as promised for a period of 7 years from the day of the delivery.

**SENSOR POWER SUPPLY**

Each channel provides power for sensor excitation.

ISOLATED POWER SUPPLY

The DEWE-43A power supply is internally isolated, completely preventing ground loops.

COUNTER/ENCODER/DIGITAL INPUTS

Each of the 8 counter inputs can be used as 3x digital inputs, 1 event counter, encoder, period, pulse-width, duty-cycle. Precise frequency and angle measurement use patented Super-Counter® technology.

Award-winning versatile USB data acquisition system with unmatched price/performance ratio - all in compact small size.

FULLY SYNCHRONIZED

Each channel, either analog, digital or CAN is synchronized with microsecond accuracy.

ISOLATED CAN INPUTS

High speed CAN 2.0b channels with 1 Mbit/sec data throughput with additional support for CCP, OBDII, J1939, and CAN output. All fully isolated.

UNIVERSAL ANALOG INPUTS

The DEWE-43A natively accepts analog voltages and full bridge sensors. With DSI adapters it can even interface with IEP and charge accelerometers, thermocouple and RTD temperature sensors, half and quarter bridge configurations, current, resistance, and LVDT sensors. The sample rate is up to 200 kS/s/ch using sigma-delta 24-bit ADCs.