UNIPOWER

Important arguments for Unipower DIP 8000

- **DIP 8000 has got 8 general analogous and 3 digital inputs.** General inputs are important since you then can measure an *eligible number of currents and voltages,* which often is useful when measuring, in for example transformer stations. Many power network analyzer has got one-purpose inputs which makes it impossible to accomplish flexible measurements. You are then limited to 3 voltages and 3 currents. Further on, a modern power network analyzer must be able to measure "true three phase", which implies at least 3 phase voltages, 3 phase currents **and** current in the neutral conductor.

- **DIP 8000 can measure non-electric quantities as well.** One of the articles among the DIP 8000 accessories is the temperature transducer. The temperature is important to measure in load analysis and at energy measurements in for example real estates, to find out how the indoor temperature is correlated to the consumed power. Further on, the DIP 8000 can be connected to general purpose adapters, 4-20mA for measuring pressure, flux etc.

- **DIP 8000 can register pulses.** The digital inputs of DIP 8000 can be used for registration of pulses from for example kWh-meters and general pulse transducers (water flow meters etc.)

- **DIP 8000 can me asure for a long time without external power supply.** In many measure situations, especially when in field environment, there are no access to an outlet. That is why it is so important that the measure-equipment can measure for a long time without connection to the mains. DIP 8000 is equipped with batteries, which can supply the unit, with a durability up to 250 hours before recharging.

- **DIP 8000 is robust and small**. DIP 8000 is designed for field measuring in harsh environments, such as distribution pillars, transformer stations, industrial plants etc. The instrument case consists of an aluminum box, dipped in plastic, which gives a combination of good electric shielding and high personal safety.

- **DIP 8000 has smart transducer identification.** When you connect a transducer, DIP 8000 automatically identifies measure quantity and range of the transducer. DIP 8000 has also got a built-in automatic set-up, which automatically configures the instrument in an optimal way, depending on which transducers you have connected.

- **DIP 8000 can be upgraded with new software and new measure options when your measurement needs increases.** The software to DIP 8000 is easy to upgrade from for example a PC, since the software is stored in a so-called Flash-ROM. The latest version can either be received on a floppy disk or be downloaded from Unipower´s homepage http://www.unipower.se.

- **DIP 8000 is also a powerful real time instrument**. Connect DIP 8000 to the RS-232 output of a (portable) PC, and DIP 8000 has become a powerful real time instrument, where you can study waveforms and phase shifts in the built-in oscilloscope and the vector diagram. Besides, you can study all measured quantities in real time.

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