PM880
Panametrics portable hygrometer

The PM880 hygrometer is a complete, intrinsically safe, portable system with options and accessories to meet all industrial moisture measurement needs.

This hygrometer is small, lightweight, and easy-to-use. The large LCD displays moisture readings in dew point (°C or °F), ppmv, ppmw, lb/MMSCF (natural gas) and a variety of other unit options. Data can be viewed in alphanumeric or graphic formats. A rechargeable battery pack and battery charger make this the ideal go-anywhere moisture analyzer.

Application
This rugged, intrinsically safe, portable hygrometer measures moisture in gases and non-aqueous liquids. It is used in conjunction with Moisture Image® Series (MIS), TF and M Series moisture probes for applications including:

- Natural gas
- Chemical and petrochemical gases
- Non-aqueous liquid applications
- Air separation plants
- Tanker preparation and filling
- Industrial gases
- Gas cylinder preparation and filling
- Shipboard applications
- SF6 circuit breakers
- Furnace gases/heat treating
- General plant/facility maintenance
Features

- Hand-held portable design
- Intrinsically safe
- IP67 rated
- Large graphic display
- Internal data logger
- IrDA® communication with PC
- Stores up to 60 log/site files
- Simple programming via graphic user interface
- Compatible with all Panametrics moisture probes
- Lightweight hand-held sample system
- Convenient carrying bag to store hygrometer and all accessories

The PM880 comes in a soft carrying case with zippered compartments, a handle and a shoulder strap. The case accommodates the PM880, a sample system, flexible hosing, probes with protective covers, a Moisture Image Series probe electronics module, an operating manual, a battery pack, a battery charger and probe cables.

Training for the PM880 is available on-site, in the factory or online. Panametrics offers extended warranties and service agreements for the PM880 as well as a range of services including NIST-traceable calibration, field calibration, rentals and moisture surveys.

PM880 accessories

1. Zippered soft carrying case
2. Flexible Stainless Steel Braided Hose
3. MISP2 moisture probe
4. TF moisture probe
5. M Series moisture probe with probe cable
6. Portable sample system
7. PC infrared adapter
8. PM880 battery and charger

The PM880’s large LCD displays moisture readings in dew point (°C or °F), ppmv, ppmw, lb/MMSCF (natural gas) and a variety of other unit options in graphic or alphanumeric.