



## Water Quality Parameter Monitoring

- industrial 230/115 VAC water quality parameter meters and probe
- low power portable water quality sensors, handhelds and loggers.

Parameters include **pH**, **temperature**, **conductivity**, **dissolved oxygen**, **turbidity** and **suspended solids**,

### **ISI OPM 253 pH/ temperature meter**

- Field or panel-mounted housing
- Universal application
- Logically arranged menu structure
- Large two-line display
- Ultrasimple two-point calibration
- User-defined alarm configuration
- Additional 2 or 4 contacts for use as:
- Limit contacts (also for temperature)
- P(ID) controller
- Timer for simple rinse processes
- Complete cleaning with Chemoclean
- Current input
- Special neutralisation controller
- HART® or PROFIBUS-PA/-DP
- 2nd current output for temperature, pH/ORP
- continuous controller



ISI meters are also available for conductivity, dissolved oxygen and chlorine

### **Ponsel digital sensors:**

*Ponsel offer digital sensors with modbus RS485 and SDI 12 output for **pH, Dissolved oxygen, conductivity** and **turbidity**. All sensors include temperature. They can be connected directly to a whole range of environmental logging equipment and also to any industrial monitoring and control platform that uses a compatible modbus protocol. They can be calibrated using Microsoft compatible software provided or using the Odean Handheld controller.*

- *Modbus RS 485/ SDI12 communication*
- *Compatibility with all transmitters, data-loggers, remote systems and automates*
- *Data processing in the probe, 4 Ko memory for calibration and history data*
- *Transient voltage protection inside*



### **Ponsel Odean Handheld Controller:**

*The Odean handheld controller can be used with the Ponsel digital probes for spot sampling and short term logging. It is also a convenient way to calibrate the sensors.*

- *ALWAYS READY TO MEASURE : Digital plug and play probes*
- *ALWAYS CONFIDENCE : Autodiagnostic, status always displayed, GLP compliance*
- *SIMPLICITY : 4' display and intuitive menus*
- *HIGH PERFORMANCES : Mono/Multiparameters - 8 Mo Memory (100 000 data)*
- *FIELD INSTRUMENTATION : IP67*



### Ponsel Acteon 5000 Industrial Transmitter

*The ACTEON 5000 Transmitter is compatible with all Ponsel digital sensors. Each Acteon 5000 Transmitter can connect to 2 sondes. It provides 2 x analog outputs and 2 x relay outputs.*



. pH/ORP



. Dissolved Oxygen  
OPTOD Optical Technology



. Conductivity



. Turbidity

#### **TRANSMITTER MULTIPARAMETERS DIGITAL TECHNOLOGY : ACTEON 5000.**

Digital transmitter for 2 sensor's connexion compatible with the range of the digital sensors PONSEL (OPTOD, C4E, NTU, PHEHT, EHAN, CTZN, MES5, VB5):

2 Digital sensor,

Power supply 100-240 V,

2 outputs 4-20 mA,

2 relays,

Modbus RS485 output,