

## THE ODEON



**ODEON**  
**THE POLYVALENT**  
**HANDHELD**  
**DEVICE**



**ODEON is the range of handheld numerical devices dedicated to water quality control on the field or in the laboratory.**

Real combination of ruggedness and digital intelligence, ODEON offers reliability and flexibility never reached before.

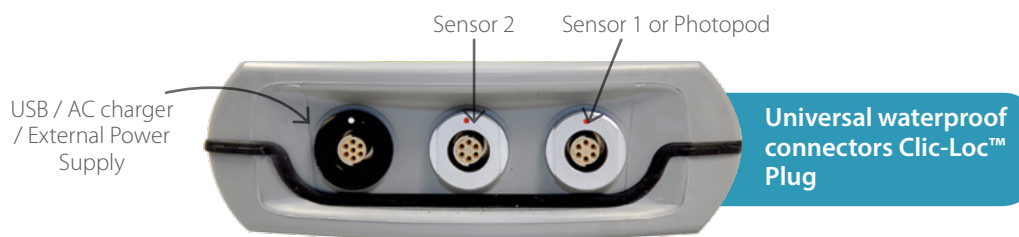
With digital sensors DIGISENS, it can measure up to 9 physicochemical parameters.

With PHOTOPOD, it becomes a photometer able to analyze more than 40 additional parameters.

ODEON is available in version OPEN ONE with 1 sensor input or version OPEN X with 2 sensor inputs.

### GETTING IMMEDIATE, INTUITIVE USE

- Large graphical display 4" backlit
- Exceptional Memory Capacity: 8 MB, up to 100,000 measurement records
- Ergonomic device, shock resistant and waterproof: IP67
- Automatic recognition and self-diagnostic probes «Plug and Play»
- Optical Sensors (Oxygen, Turbidity, suspended solid, sludge blanket detection) and electrochemical (pH, ORP, temperature, conductivity)
- Over 40 parameters with photometry using the Photopod



## SPECIFICATIONS

- **Memory:** 8 MB (up to more than 100,000 records)
- **Power supply:** 4 x 1.5V AA • Options: • Rechargeable Battery • Power. External 12 V
- **Battery life:** 145-190 hours depending on the configuration
- **Communication:** USB
- **Housing:** PC / ABS
- **Weight:** 400 g
- **Dimensions :** 196.5 x 121 x 46 mm
- **Protection:** IP 67
- **Operating temperature, humidity:** - 25 to + 50 ° C, 0-70%
- **Storage temperature, humidity:** - 25 to + 65 ° C, 0-80%
- **Display:** LCD 4 «240 x 320 pixel display with adjustable backlighting
- **Connectors:** • 1 connector: ODEON OPEN ONE • 2 connectors: ODEON OPEN X

## ACCESSORIES AND OPTIONS

- Transfer and data analysis software: Odeon Viewer
- Rechargeable Version with charger 220 V
- External Power Cable 12V
- Y cable for 2 digital sensors on one input
- Sensor coupling Accessories
- Reels up to 20m and 100 m
- Enhanced suitcase equipped with a 12V battery
- Cable length 1 m / 3 m / 7 m / 15 m (other lengths available on request)
- 125 mL Standardized calibration solutions

### Smart sensors DIGISENS:

- 9 parameters (pH, ORP, Temperature, Oxygen, Conductivity, Salinity, Turbidity, suspended solid, sludge blanket detection)
  - Calibration data (factory coefficients, offset, slope) stored in the sensor
  - 50 years experience of sensor manufacturing
    - Digital Technology for the best reliability of measurements without interference.
- Details see datasheet «Digisens probes»*

### Photometer PHOTOPOD:

- Ultra compact and very lightweight
- 5 wavelengths with automatic selection
- Over 40 parameters available
- Fast and easy methods

*Details see sheet «Photopod»*



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