

The MC500™ Multi-Parameter Colorimeter from Orbeco-Hellige is a versatile new instrument that tests for a wide range of water quality parameters and is perfect for use in either the field or laboratory.



Micro100 Laboratory Turbidimeter

Designed to provide the accuracy demanded by today's scientist, the Micro100 Laboratory Turbidimeter is ready to meet the challenge. Features like the Auto Alert Calibration Prompt and the Quick Connection Lamp Module, allow for simple calibration and low maintenance. With a resolution of 0.01 NTU at low turbidity readings and an extended range to 1,000 NTU, the Micro100 is an ideal and affordable tool for research as well as routine analytical measurements.



Micro100 comes with a complete set of calibration standards (0.02, 10 and 1000 NTU), two measuring cuvettes with light shield caps, operator's manual and power supply.

ORBISPHERE 3650, Portable O2 Analyzer

Measure oxygen (O₂) or hydrogen (H₂) levels in hazardous areas. Works with Orbisphere patented electrochemical (EC) oxygen sensor. Intrinsically safe non-rechargeable battery pack allows up to 60 hours in continuous measuring mode. Stores up to 500 measurements.



ORBISPHERE 3658, Portable CO2 Analyzer

The ORBISPHERE 3658 portable system provides accurate, selective CO₂ measurement. This instrument is specifically designed for the beverage market and is used in breweries, wineries, bottled water and soft drink plants. This system is perfectly suited for laboratory analysis or measurement in more demanding environments at line. Calibration and validation can be carried out quickly and easily using the ORBISPHERE High Precision Calibration Kit, ensuring each measurement of dissolved CO₂ gives a true reading which is critical to taste, mousse and final product quality.



The **SA 9000 series** is based on the well-proven flow analysis technique. This principle allows even the most complex analysis to be automated reliably on-line, with excellent correlation with laboratory results.

Applications:

- Municipal Water monitoring
- Waste water Monitoring

More options:

- OPA 2000
- Fluo-Imager M153 & M132 B
- Complete Water Monitoring System

The SP10 Robotic Analyzer

The **SP10 Robotic Analyzer** has been designed for the cost-effective automation of BOD (Biological Oxygen Demand) for laboratories running smaller numbers of samples.

Applications:

- Ammonia
- Chloride
- Hardness
- Alkalinity
- Oxygen
- Turbidity
- Color
- BOD COD
- pH
- Clay Fraction
- Conductivity



The **BioMonitor®** from LAR Process Analysers:

- For fast and reliable load ratio.
- For controlling the denitrification.
- For adjustment of a constant sludge load.
- For water monitoring at water quality monitoring stations.
- Correct and precise BOD-measurement.

QuickTOC®

The accurate solution to on-line TOC measurement



QuickTOC®-ATEX cabinet housing the QuickTOC® of LAR Process Analysers AG is an online measuring system for the determination of total carbon (TC), total organic carbon (TOC), total inorganic carbon (TIC) and dissolved organic carbon (DOC) according to DIN EN 1484, ISO 8245 and EPA 415.1.

Applications:

- Sewage treatment
- Industrial waste water application



The Model 614 Process Refractometer

The Model 614 Process Refractometer was first introduced in the fall 1998. Since that introduction LSC have added several additional features:

- Extended probe sensing head.
- Remote Display & Control Box.
- Dual Sensor capability.

Applications:

- Sugar Mill
- Chemical/Petrochemical Industry
- Food and Dairy Industry



ProfiLine Single Parameter Handhelds 3110 - 3210 - 3310

Description:

The new ProfiLine handheld instruments from WTW: Rugged, waterproof, convenient and much more ... Designed from experience to meet tomorrow's requirements today.

- Support your needs in the field.
- Special silicone keypad - absolutely waterproof with feedback
- CMC-Function - for a more accurate pH-measurement
- Waterproof USB-interface - most suitable for wet environments

Ideal Applications:

- Environmental
- Field Testing
- Lab and QC



Multi Parameter 340i



Multi 340i handheld meter measures pH, MV, ORP, DO, % Saturation, Conductivity, Salinity, and Temperature; unit records pH/DO/Temp or pH/Cond/Temp simultaneously. Waterproof units have RS 232 interface and can datalog and store up to 500 GLP data sets. Operating on line power or 4 AA batteries, product is also available in portable Field Laboratory Sets, which include all electrodes, calibration solutions, accessories, and maintenance supplies.



Thermoreactors

Thermoreactors for COD and all other thermal Digestion Processes. Thermoreactors are required for the determination of COD, total nitrogen or total phosphorus. They ensure a complete digestion of the sample, as they maintain the necessary high reaction temperature



Handheld Glassless pH meters IQ150

"Dual technology" ISFET pH meter accepts both non-glass and traditional glass pH electrodes.

This rugged pH meter is like having two pH meters in one! Now one affordable handheld pH meter lets you use both non-glass ISFET sensor pH probes and traditional glass pH electrodes. The stainless steel probe stores dry and needs no maintenance. The durable ISFET silicon chip sensor eliminates problems associated with fragile glass bulb sensors. It is excellent for field work, food testing, soil testing, industrial applications and educational use.



Various probe options to choose from:

- PH77-SS: General Purpose Probe with Round Tip
- PH17-SS: Micro Probe
- PH37-SS: Piercing Tip Micro Probe
- PH47-SS: NMR Tube Micro Probe
- PH57-SS: Piercing Tip Micro Probe with Heavy Duty Handle
- PH30-GS: Epoxy Body/ Glass Sensor



NIR SERIES 1000/2000/3000 bench top food Analysers

The NIR bench top Near Infrared Transmission Analyser is a powerful diode array NIT spectrometer designed to measure transmission spectra through liquids, pastes, creams, ointments and any lotions. It is used to measure protein, fat, water, sugar, alcohol and other compounds in foods



Series 1000

Series 2000



Series 3000



MS MX MF ML Series Moisture Analyzer

Fast and uniform heating with halogen lamp and innovative SRA technology. Straight halogen lamp and uniquely designed SRA (Secondary Radiation Assist) filter gives shorter measurement time, thanks to fast and uniform heating. High repeatability, With SHS (Super Hybrid Sensor) featured as the weight sensor, ultra accurate moisture content determination is possible based on high precision weighing of even a small sample. High moisture content measurement MS-70 measures the moisture content at 0.001% resolution suitable for low moisture content samples as well as Karl Fischer method, yet requires no special knowledge or training and produces no harmful waste.



MS



MX



ML



MF