



Get the information you need, where you need it

Liquiline To Go handhelds for pH/
ORP, conductivity and oxygen

Liquid Analysis



Liquiline To Go CYM290/CYM291 multiparameter handhelds measure pH/ORP, conductivity and oxygen with 100% signal integrity. Take them to any measuring point in your plant and you instantly know how your process is running.

Make the right decisions for your process

Whenever and wherever you control a pH, conductivity or oxygen value, the Liquiline To Go multiparameter handhelds provide correct values with 100% signal integrity. They are equipped with Memosens technology that converts the sensor values into digital signals and transmits them without interference. The result is reliable measuring values that allow you to quickly take any remedial actions necessary to keep your process running under optimal conditions.

Trust your grab sample values

If the measuring technology in the process differs from the technology for grab sample analysis, there is a risk of yielding very different measurement results. With Liquiline To Go handhelds you can use the same robust Memosens sensors that you use in your process. This guarantees full data consistency between your measurements with results you can trust: you can rule out the issue of technology faults if the measurement values differ.





Liquiline To Go CYM290:
multiparameter handheld
for all non-hazardous
areas



Liquiline To Go CYM291:
multiparameter handheld
for hazardous areas

Take it to any measuring point

Both Liquiline To Go versions have a robust, shock-proof housing with ingress protection to IP66/67 – the CYM291 with ATEX and IECEx certification is even suitable for hazardous area use. This enables fast process control directly at the sampling point even in the most challenging environments. What's more, as there's no need to take the grab sample to the lab, there's no risk of contamination – a significant improvement to plant safety and efficiency!

Simplify your daily work

Liquiline To Go handhelds speed up your daily work, as they feature hot plug & play and enable you to rapidly change from one parameter to another. You can adjust your sensors under optimal conditions in your lab or maintenance shop before taking them into the field. The handhelds instantly recognize the sensor and read all important sensor information. This eliminates the need for calibration in the field and the carrying of multiple cables and buffer solutions.

i Memosens: The cutting-edge sensor technology

Memosens digitizes the measured value within the sensor and provides non-contact interference-free transfer to the transmitter. Since its introduction in 2004, it has become the worldwide leading standard in liquid analysis. Since then, a large portfolio of Memosens products enhances the safety, efficiency, transparency and quality of processes in all industries.

- Safe digital data transmission: inductive, corrosion-free, 100% reliable
- Easy-to-handle sensor connection
- Sensor head stores measurement data and sensor information for predictive maintenance
- Fast plug & play with pre-calibrated sensors
- International standard

www.endress.com/Memosens



The right handheld for every application



Liquiline To Go CYM290

Liquiline To Go CYM291

Suitable for	All non-hazardous areas	Hazardous areas
Memosens technology	✓	✓
pH	✓	✓
ORP	✓	✓
Conductivity	✓	✓
Oxygen	✓	✓
Oxygen trace measurement	✓	✓
Temperature	✓	✓
Input for analog pH sensors	✓	-
Input for analog temperature sensors	✓	✓
Programmed pH buffer solutions	✓	✓
Programmed conductivity standards	✓	✓
Calibration of pH sensors	1-point, 2-point, 3-point	1-point, 2-point, 3-point
Data logger with date/time stamp	Stores 10,000 measurements	Stores 5,000 measurements
Explosion proof certification	-	IECEX Ex ia IIC T4/T3 Ga ATEX II 1 G Ex ia IIC T4/T3 Ga
Degree of protection	IP66/67	IP66/67
Display	TFT color display with back lighting	LCD display
Menu languages	EN, DE, FR, ES, IT, PT	Icons and status indicators
Integrated sensor quiver	✓	✓
Power supply	4 x AA batteries	4 x AA batteries



For more information please visit www.endress.com/CYM290 and www.endress.com/CYM291

www.addresses.endress.com