

Multronic

The professional control and instrumentation system for optimum communication!

Up to three measured variables can be combined:

- ▲ Conductive & inductive conductivity measurement
- ▲ pH
- ▲ Redox
- ▲ Temperature
- ▲ Standard signal
- ▲ Chlorine
- ▲ ClO₂
- ▲ Peracetic-acid

ECOLAB®
Everywhere It Matters.

Multronic MCT

Multronic, a tried and proven modular-structure multifunction control and instrumentation system provides with MCT a convenient Windows®-compatible PC interface for data transfer operations. The Multronic range covers an extensive system of measuring modules and C&I procedures for the many diverse functions needed in modern industrial and chemicals process-engineering.

Unrestricted module selection permits extensive hardware solutions and easy adaptation to individual customer needs. The system can function in this context either as a stand-alone C&I unit or can be integrated into an existing plant control configuration.



Multronic Display

The simultaneous presentation of process data on the high-resolution illuminated graphical display, combined with a structured user guidance system, make use of the Multronic system unit ergonomic and straightforward.



- ▲ Permanent display of all important process variables
- ▲ Easy operation thanks to open-text guidance
- ▲ Separate display by measuring modules

Multronic MCT makes your work...

- easy
- effective
- ergonomic
- fast!

The Multronic modular system

Profibus-Interface

Transmission of measured and status data, such as documentation, data-storage and pressure, for example. Simple online registration of measured data.



SPS



Relais and ventiles



MCT-Interface

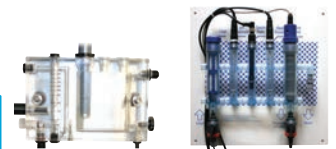
The interface is included in the scope of supply.



Diaphragm metering pumps



ClO₂, PES and chlorine



Conductive & inductive conductivity measurement

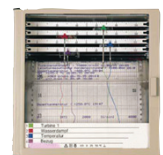


pH, Redox and temperature



Standardsignal

External line or screen recorders can be used to record the probe data.



Multronic water preparation - the professional multi-potential system

The Multronic can be used for control of multi-stage neutralization systems and for monitoring of permissible limits in metering of disinfectants (chlorine, H₂O₂, etc.). It operates using maintenance-free inductive measuring methods with up to three separate cooling circuits and desliming control systems.

The benefits for you:

- ▲ Monitoring of metering time
- ▲ Suspension of desliming during biocide metering
- ▲ Selectable exposure time in accordance with legal requirements
- ▲ Easy-to-use real-time timer with weekly program for activation of the biocide metering pumps
- ▲ Environmentally safe use of biocides thanks to individually adjustable pre-bleeding
- ▲ Adjustable alarm delay
- ▲ Access code for protection against unauthorized use

Further Multronic applications for:

Surface systems

- ▲ LF (conductive): Measurement for monitoring of rinsing-water quality in the final cleaning stage
- ▲ LF (inductive): or pH measurement for monitoring of cleaning-agent concentration
 - Control of up to six metering pumps for automatic concentration boosting

Environmental systems

- ▲ Multronic with three pH modules for control of a three-stage Chemowash

Technical Data:

Power supply optional:	230 V 50/60 Hz, 115 V 50/60 Hz, 24 V 50/60 Hz, 24 V DC
Safety type:	IP 65
Inputs:	according to measurement module equipment
Outputs:	max. 7 digital and 3 analogue
Power consumption:	25 W
Accuracy of measurement:	1 % of final value of measurement range
Display:	illuminated graphic display
Accuracy of display:	+/- 0,5 %
Permissible ambient temperature:	0° to +45 C°
Resistance:	chemically resistant plastic housing (Noryl)
Languages on display:	English, German, French (optional)
Dimensions (H x W x D):	290 x 224 x 95 mm

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