

AQUACON -m10/-m20

Process analyzers with touchscreen for acidity (-m-value) analysis

The **AQUACON -m10/-20** process analyzers consist of a control unit with touchscreen and an analysis unit with measuring chamber, valve, dosing pumps and all required tube connections.

Working principle of the analyzer is the titration of a water sample with sodium hydroxide solution to determine the $K_{B4,3}$ value(-m-value). A second reagent (indicator) is dosed for the photometric detection of the color change. A control unit with a microprocessor takes care for the automatic procedure of analysis.

Applications for the new analyzers are the survey and monitoring of water treatment plants and the control of decarbonisation plants. The analysis results can be used for the monitoring/control of a supervised process.

- good cost-benefit relationship,
- high resolution,
- adjustable limit and alarm value,
- programmable analog recorder output (0/4-20 mA), optional with USB port for data storage
- adjustable break time between two analysis (1 - 99 min),
- external start/stop of an analysis possible,
- multi range power supply (110 – 230 Volt, 50 – 60 Hz) for variable use
- automatic operation incl. self test and drift compensation, no external calibration
- polycarbonate wall cabinet included



Order informations:

AQUACON -m10	(0,1 – 3,5 mmol/l)	Order No. 693 2774 02
AQUACON -m20	(0,2 – 7,0 mmol/l)	Order No. 693 2775 02
Reagent MP-R1001M10	(500 ml)	Order No. 101 2775 01
Reagent MP-R1001M20	(500 ml)	Order No. 101 2776 01
Reagent MP-R1002M (indicator)	(250 ml)	Order No. 102 2775 01

