

3052 DISINFECTANTS ANALYZER

Waltron's 3052 Disinfectants Analyzer is the first choice for online analysis of Chlorine, ozone, chlorine dioxide, monochloramine, or bromine.

The 3052 is trusted world wide to deliver accurate and reliable readings with minimal maintenance and low total cost of ownership. Common applications are potable water, cooling water, industrial waste water and swimming pool.

FEATURES

Accurate and wide-range analysis

Fast loop reservoir

Adjustable cycle and calibration frequency

Automatic calibration and validation (QA/QC)

Compact design

Color touchscreen display

Grab sample capability

Internal datalogger

Low reagent level alarm

Automatic start/stop based on sample flow detection

Minimal analyzer maintenance

Applicable for water containing additives, cyanuric acid

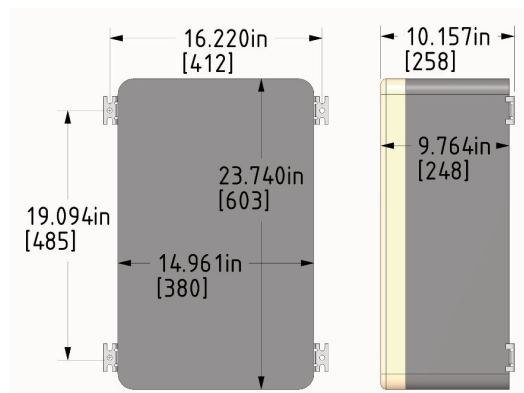
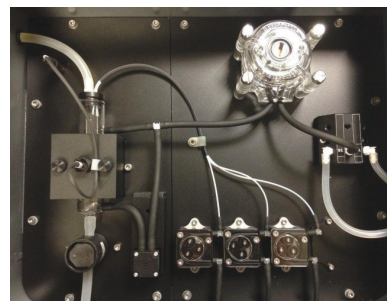
Automatic chemical cleaning integrated

Process-photometer based on DPD-Method (DIN EN ISO 7393-2; APHA/AWWA 4500-Cl G)

See reverse side for specifications.



NEW Wet Section



3052 DISINFECTANTS ANALYZER | GENERAL

PERFORMANCE

Range	Free chlorine, HOCL, monochloramine, chlorine-dioxide: 0,00 – 5,00 ppm
Accuracy	+/- 0,01 ppm or +/- 2% of reading, whichever is greater
Reproducibility	+/- 0,01 ppm or +/- 2% of reading, whichever is greater
Analysis Time	2 mn.
Sampling Frequency (Cycle Time)	2 – 12mn adjustable
Required Maintenance	Monthly to quarterly replenish reagents
Reagent Consumption (approximate)	2 or 3 reagents, 2.5L each per month
Sensor Classification	Colorimetric with glass flowcell and LED source
Application	Potable water, cooling water, industrial waste water and swimming pool
Ambient Temperature Range	10-45°C analyzer (50-113°F)
Atmospheric Pressure Range	No Limits
Humidity	Up to 90% not condensable
Unit Dimensions	Height=23.6"(60 cm), Width=15"(38 cm), Depth=8.3"(21 cm)
Positioning and Installation Details	Wall mounting, bench supported, or panel mounting (optional)
Weight	17 kg (37.5 lbs.)
Degree of Protection	IP55 (NEMA 4): Wet section, IP65 (NEMA 4x): Electronics
Alarms	2 or 4 configurable alarm relays (Result, loss of sample, fault)
Power Supply	110-220Vac, 50-60 Hz 80 VA – 24VDC
Certification (on request)	Meets low voltage and low electromagnetic compatibility directives

SAMPLE DELIVERY OPERATING CONDITIONS

Temperature Range	5-55°C (41-131°F)
Inlet Sample	100–500 ml/min, atmospheric, flexible tubing O.D. 1/4"(6 mm)
Outlet Sample	Atmospheric, waste tubing O.D. 3/8"(9 mm)
PH	3-12
Materials in Contact with Sample	Glass, Silicone, Plexiglass, Stainless Steel AISI 316

SIGNAL OUTPUTS

Analog Outputs	4-20mA (galvanic isolator module available as option) or 0-5V
Serial I/O Options	RS232; RS485; MODBUS; PROFIBUS

OPERATIONAL CALIBRATION

Single/Multi Point	Multi-Point: zero and mid range
Matrix Corrections	Yes, sample blank correction
Manual/Automatic	Both



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