

khlrO1-4°81.1g:”,:°81.1038

°fl,8Oz.z8°%1”

Waltron’s 3049 Analyzer is the most advanced instrumentation for online measurement of ethylene glycol and propylene glycol.

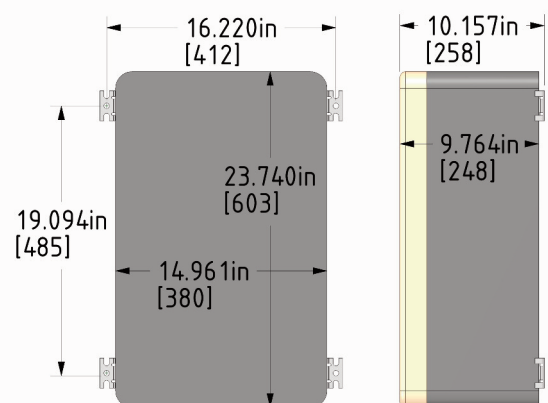
The 3049 stands alone as capable of delivering accurate and precise automatic measurement of ethylene glycol and propylene glycol in water.

FEATURES

- Accurate and wide-range analysis
- Multi-stream available
- 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



Wet Section



See reverse side for specifications.

3049 ETHYLENE/PROPYLENE GLYCOL ANALYZER | GENERAL SPECIFICATIONS

PERFORMANCE

Sensor Classification	Colorimetric with glass flowcell and LED source
Application	Demineralized, boiler, potable, surface and waste water
Power Supply	110-220Vac, 50-60 Hz 80 VA
Humidity	Up to 90% not condensable
Ambient Temperature Range	10-45°C analyzer (50-113°F)
Range	0-15 ppm, 0-150 ppm (internal dilution)
Accuracy	+/- 0.1 ppm or +/- 2% of full scale, whichever is greater
Analysis Time	15 min, batch process
Sample Frequency (Cycle Time)	One reading every 20 min, adjustable
Positioning and Installation Details	Wall mounting, bench supported, or panel mounting (optional)
Alarms	2 or 4 configurable alarm relays
Degree of Protection	IP55 (NEMA 4): Wet section, IP65 (NEMA 4x): Electronics
Reagent Consumption (approx.)	4 reagents: Reagent 1 - 2L per month; Reagent 2 - 4L per month; Reagent 3 - 1L per month; Reagent 4 - 4L per month
Materials in Contact with Sample	Glass, Silicone, Plexiglass, Stainless Steel AISI 316
CE Certification (on request)	Meets low voltage and low electromagnetic compatibility directives
Sample Conditioning Requirements	Filtering between 10 and 60 micron, depending on the matrix, needed only to avoid clogging
Weight	17 kg (37.5 lbs.)

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

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

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

102-033-B.1



WALTRON GROUP HEADQUARTERS

25 Minneakoning Road, Suite 101

Flemington, NJ 08822 USA

Phone: +1 908 534 5100

Fax: +1 908 534 5546

www.waltron.net