

TECHNICAL DATA SHEET

QH FLUIDMONITOR™ GL

GREENLIGHT FLUID CONCENTRATION MONITOR

QH FLUIDMONITOR™ GL is a completely self-contained measurement system which sets the new standard for continuous concentration monitoring of metalworking fluids. The modular design includes a sensor housing and flow-through adapter with two push-to-connect fluid ports.

The sensor housing and integrated flow-through adapter are detachable for easy cleaning or maintenance with just a quarter-turn. Red, yellow, and green lights illuminate to indicate if fluid concentration is within specified programmable process parameters. Patented sensor is up to 1000 times more accurate than a typical handheld refractometer.

Applications

QH FLUIDCONTROL™ GL can monitor water dilutable coolants, stamping fluids, quenchants, HFA hydraulic fluids.

Options

- QH FLUIDTREND™ connectivity via the QH GATEWAY™ IoT module
- Mounting stand for easier installation
- Additional pre-filtration stages for sample preparation:
 - Tramp Oil Separator
 - Magnetic Chip Detector for ferrous metals

The Benefits

- Total continuous fluid quality control
- Uniform concentration control means longer tool life
- Reduced metalworking fluid costs
- Reduced manpower for lab testing and concentration monitoring
- Fewer sump side additives
- Reduced maintenance costs and increased process up-time
- Minimized waste treatment



QH FLUIDMONITOR™ GL

GREENLIGHT FLUID CONCENTRATION MONITOR

Properties and Specifications

PROPERTY	TYPICAL VALUE	UNIT
Power supply	24 1 max.	VDC A
Displays	Basic red, yellow, green alarm LED	
Concentration	0-35	BRIX
Temperature	<40 <104	°C °F
Pressure	<2.5 <36	Bar psi
Concentration Accuracy	±0.3	%
Fluid Sample Inlet: Flowrate Connection (push-fitting)	2-4 0.53 - 1.06 8 5/16	Lpm gpm mm in
Weight	590 1.3	g lbs
Dimensions	208.3 x 119.4 x 78 8.2 x 4.7 x 3.1	mm n

FEATURE	AVAILABILITY
QH FLUIDTREND™ Connectivity and Technical Remote Support	Optional Via QH GATEWAY™

All reasonable care has been taken to ensure this publication is accurate upon issue. Such information may be affected by changes subsequent to issue. This Technical Data Sheet is to be used solely for this product. Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. All liability and all warranties express or implied are hereby excluded as to product performance results, the accuracy of these data including any warranty of merchantability or fitness for any purpose.

