

## 2410 OIL AND WATER ANALYZER

The Waltron 2410 Oil-in-Water Analyzer is a state-of-the-art instrumentation package developed specifically to measure the amount of hydrocarbons in clean water. The 2410 has many uses and will fit a large variety of applications.

The 2410 utilizes optical sensors to measure absorbed and scattered light in a sample stream. The measurement distinguishes between oil droplets and turbidity. A microprocessor calculates the ppm oil concentration based on the sensor signal. The analyzer measures the concentration of oil continuously and activates alarms and relays as necessary. Applications include: boiler condensate returns, process cooling water, process steam monitoring and wastewater.



## FEATURES

**Compact design**

**Calibrates directly to clean water**

**Wide range analysis: 0 - 99 ppm**

**Automatic and continuous self diagnostics**

**Turbidity compensation**

**Rapid Response**

**Minimal maintenance required**

**Automatic operation**

**Automatic Cleaning System optional**

**2410 with  
Optional  
Auto-Clean**



See reverse side for specifications.

## 2410 OIL AND WATER ANALYZER | GENERAL SPECIFICATIONS

### PERFORMANCE

<b>Range</b>	0 - 99 ppm
<b>Accuracy</b>	+/- 2 ppm
<b>Calibration</b>	Calibrates directly to clean water
<b>Current Outputs</b>	0 - 20mA, 4-20mA (800 $\Omega$ min. load); 0-5VDC, 1 - 5VDC (50K $\Omega$ min. load)
<b>Alarms</b>	Two adjustable operating delay alarms (0 - 60 sec, 10 - 240 sec); contacting rating 8A @ 240V
<b>Power</b>	230/115VAC (50/60Hz) or 24VDC; consumption 10VA max
<b>CE Certification (on request)</b>	Meets low voltage and low electromagnetic compatibility directives
<b>Electrical Installation</b>	EN61010-1/IEC664 category 11

### SAMPLE DELIVERY OPERATING CONDITIONS

<b>Sample</b>	0.26 - 0.53 gal/min (0.1 - 2.0 L/min)
<b>Sample Temperature</b>	34 - 104°F (1 - 40°C)
<b>Ambient Temperature</b>	34 - 140°F (1 - 60°C)
<b>Pressure</b>	1.45 - 145 psig (0.1 - 10 bar)
<b>Humidity</b>	90% RH Max @ 131°F (55°C)

### MECHANICAL

<b>Construction</b>	Meets IP55
<b>Dimensions</b>	Height=8.5" (215mm); Width=9.5" (242mm); Depth=2.9" (73mm)
<b>Weight</b>	4.96 lbs (2.25 kg)
<b>Finish</b>	Corrosion resistant

102-017-D.1



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