

HydroSense Model 2410 Part Numbers

Model 2410

- 0-500 ppm hydrocarbon range
- targets aromatic hydrocarbons to use as an indicator of total oil in water
- 0-400 mg/l suspended solids minimal interference
- accepts continuous non-intermittent flow of 2 l/m only

Part #A00482 SS housed unit

Approvals: CE Declaration
CSA Class 1, Div 2, (Zone 2)
cUL and UL Electrical Safety

Part #A00528 SS housed unit

Approvals: cUL and UL Electrical Safety

Upper Control Panel with:

- LCD display of 0-500 ppm level and diagnostics
- 4 alarm relays (2 for maintenance, 2 for setpoint alarms)
- 4-20 mA isolated output
- 115 vac or 220 vac power input
- wall mount enclosure

Lower Flow Chamber with:

- minimum flow rate 2 liter per minute, minimum 2 psi
- gravity outfall to drain or sump
- inlet water temperature: maximum 40 C, 105 F

Documentation Package

a. Standard Operation Manual with Installation drawings

b. Engineered Drawings and Documentation to include:

- Submittal drawings and documents as per SDRL, QC data, certificates, production scheduling, hold and release points
- FATs, Dossiers for design, certificates, and Operation/Maintenance

Options and Accessories

A. Purge/Pressurization Systems

Note: The SS housed HydroSense includes CSA Zone 2 (Div. 2) Approval markings. The CSA mark may be considered when determining the HydroSense use in hazardous classified areas. In addition, purging is available as follows:

1. Peppri + Fuchs YZ Purge #A00485

-allows use in a Zone 1 area by customer accepting CSA Zone 2 Hazardous Location Approval or
-allows use in a Zone 2 area based on the standard HydroSense CSA/UL/IEC safety approval

2. Peppri + Fuchs X Purge #A00486

-allows use in a Zone 1 area based on the standard CSA/UL/IEC safety approved HydroSense

3. Peppri + Fuchs Eex p Purge #A00487

-allows European use in Zone 1 and Zone 2 areas based on CSA/UL/IEC safety approved HydroSense

B. Site Assistance, Training, and Operating Spares

1. Field Site Assistance #A00488

Within North America:

Outside North America:

-includes airfare based on advanced booking and travel (based on site within 4 hour drive of international airport)

-includes accommodation at standard international hotel or site by customer

-recommended 2 days site time for inspection, training, calibration, and operation confirmation (based on unit installed and operational prior to arrival)

2. Customer Acceptance and Training at Arjay factory #A00489

-Location: Oakville (Toronto) Canada

-all travel and lodging expenses by visitor(s)

3. Recommended Spare Parts for 2 years operation

A00114

UV Lamp

A00142

Glass Flow Plate

C. Optional Sample Handling Equipment

1a. Husky Air Driven Pump and sump basin tube assembly

-air operated diaphragm pump

-15 gpm @ 100 psi

-4.5 m lift

-foot valve and strainer assembly

-30m , ½" teflon lined tube with fittings

-note: continuous supply of minimum 80 psi clean air required at site

1b. Pulsatron Electric Metering Pump

-115 vac power input

-78 l/m minimum

-2 meter lift

- strainer assembly
- 30 m, 1/2" teflon lined tube with fittings
- non-hazardous locations use

2. Lakos Centrifugal Solids Separator

- minimum flowrate 4 usgpm, maximum 10 usgpm
- minimum inlet pressure 30 psi, maximum 150 psi
- 1/2" npt inlet and outlet
- 316 SS construction

3. Sentry Sample Cooling

- sample connection: 3/8" OD tube
- 316SS wetted parts
- maximum pressure: 5,000 psi
- cools to within 3 degrees of cooling water
- note: continuous supply of cooling water required

4. FluoroCheck 2000 Benchtop Monitor

- ppm fluorescence monitor
- based on EPA 1164 extraction technique
- discrete sample input
- for periodic calibration check of HydroSense and to support other customer samples and testing
- non-hazardous locations use

5. Instrument Hut

- heated walk-in fiberglass hut
- 1.2 m x 1.2 m x 2.0 m high
- for mounting on customer pad
- non-hazardous locations use

6a. Heated Stainless Steel Enclosure

6b. Heated Fiberglass/Polycarbonate Enclosure

- 36" x 36" to accommodate standard fiberglass HydroSense with additional mounting space for pumps, etc.
- non-hazardous locations use

Warranty: One year parts and labour. Freight charges by end user.