FP360 sc Oil-in-water probe, 0.1-15 ppm Oil, Ti, 1.5 m, w/o cleaning

Številka izdelka: **LXV441.99.12301**

ZASTAREL IZDELEK
Ta izdelek ni več na voljo.

Continuous oil-in-water monitoring for the right price

Fluorescence probe for PAH/Oil in water measurements, range 0-500 ppb (PAH calibration standard). Titanic enclosure, 1.5 m cable. Without cleaning unit.

Even the smallest oil traces impair water quality. The probe monitors surface waters, process water and industrial water continuously for even traces of mineral oil contamination. The highly sensitive UV fluorometer is immersed directly in the medium.

For reliable, long term stable hydrocarbon monitoring, intensity fluctations

of the flashlamp are compensated. Influences associated with daylight are automatically eliminated.

The probe can be combined with additional sensors on the SC controllers.

The right technology for the right price
Due to its unique combination of submersible probe design and UV fluorescence sensing technology, the FP 360 sc delivers the best technology to detect oil in water and is priced below competitive UV fluorescent instruments.

Minimal maintenance
The FP 360 sc has no tubes, pumps, or valves that can foul or require constant maintenance interventions. Maintenance is limited to occasional wiping of the sensor's measurement window, calibration once every two years, and Xenon lamp replacement every four years.

Reduced laboratory testing
While laboratory testing is the ultimate method of measuring oil in water, it is a long and complex process that requires special equipment and trained lab personnel. The FP 360 sc provides a cost-effective, continuous online monitoring solution to maintain process control and avoid oil contamination with minimal laboratory testing.

High sensitivity and selectivity
The FP 360 sc can detect and measure polycyclic aromatic hydrocarbons (PAHs) from 1.2 ppb to up to 5000 ppb (µg/L). This is approximately equivalent to a concentration of mineral oil between 0.1 to 150 ppm (mg/L). Furthermore, the FP 360 sc method of detection makes it impervious to interferences by turbid water or natural organic and biological matter that impact online light scattering, UV absorbance, and VIS fluorescence instruments.

One to eight sensors
The Hach Digital Controller Family can receive data from up to eight Hach digital sensors, including oil-in-water, suspended solids, turbidity, pH/ORP, dissolved oxygen, conductivity, ammonium, phosphate, SAC, and nitrate in any combination.

There’s no complicated wiring or set up procedures with the family of controllers. Just plug the sensor to any Hach digital controller and it’s ready to use because it’s “plug and play.”

Specifikacije

Body Material:	Titanium
Čiščenje senzorja:	No
Detektor:	UV photodiode with interference filter; Compensation of daylight and flashlamp intensity fluctuations
Diameter:	68 mm
Dolžina:	311 mm
Dolžina kabla:	max. 40 m (130 ft) incl. extension cable
Material:	Titanium
Material ohišja:	Titanium
Merilna metoda:	UV fluorescence method for polycyclic aromatic hydrocarbons (PAH)
Merilno območje:	0 - 500 ppb (µg/L) (PAH) or 0.1 - 15 ppm (mg/L) (Oil)
Območje tlaka:	Max. 30 bar (measurement probe)
Obnovljivost:	2,5 % izmerjene vrednosti pri stalni temperaturi
Odzivni čas T90:	10 s
pH vrednost(i):	≥ 4
Pobuda:	Wavelength 254 nm
Pogoji skladiščenja:	-40 °C - 60 °C
Svetlobni vir:	Miniature xenon flashlamp with interference filter
Temperatura okolja:	-5 - 45 °C
Temperatura vzorca:	1 - 40°C (33,8–104°F)
Teža:	1.8 kg
Umeritev:	Factory calibrated with UV fluorescence standard or process calibration with results of a grab sample analysis.
Vsebina paketa:	Oil-in-water probe, user manual

Vsebina paketa

Oil-in-water probe, user manual

Obvezni pripomočki

- Sondni modul SC1000 za 4 senzorje, 4 izhodi 4 - 20 mA, rele, 110 - 240 V AC, kabel za EU (Item LXV400.99.2R121)
- Zaslonski modul SC1000 (Item LXV402.99.00001)