



FP 360 sc Oil-in-water probe, 0.1-15 ppm Oil, ss, 10m, with cleaning

Kat. číslo produktu:

LXV441.99.11201

EUR Cena bez DPH:

Kontaktujte nás

Dodávka do 2 týždňov

Continuous oil-in-water monitoring for the right price

Fluorescence probe for PAH/Oil in water measurements. Stainless steel enclosure, 10 m cable, with 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 fluctuations

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 FP360 sc delivers the best technology to detect oil in water and is priced below competitive UV fluorescent instruments.

Minimal maintenance

The FP360 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 and a calibration once every two 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 FP360 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 FP360 sc can detect and measure polycyclic aromatic hydrocarbons (PAHs) from 1.2 ppb to up to 5000 ppb ($\mu\text{g/L}$). 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."

Technické údaje

Body Material:	Stainless Steel
Čas odozvy T90:	10 s
Čistenie senzora:	Yes
Detektor:	UV photodiode with interference filter; Compensation of daylight and flashlamp intensity fluctuations
Dĺžka:	311 mm
Dĺžka kábla:	10 m (32.8 ft)
Excitácia:	Wavelength 254 nm
Hmotnosť:	2.8 kg
Kalibrácia:	Factory calibrated with UV fluorescence standard or process calibration with results of a grab sample analysis.
Materiál:	Housing: Stainless steel 316Ti (1.4571)
Materiál skrine:	Stainless Steel
Metóda merania:	UV fluorescence method for polycyclic aromatic hydrocarbons (PAH)
Obsah balenia:	Oil-in-water probe, user manual
pH hodnota(y):	≥ 4
Podmienky skladovania:	-40 °C - 60 °C
Priemer:	68 mm
Reprodukovateľnosť:	2.5 % nameranej hodnoty pri stálej teplote
Rozsah merania:	0 - 500 ppb (µg/L) (PAH) or 0.1 - 15 ppm (mg/L) (Oil)
Rozsah tlaku:	Max. 30 bar (measurement probe)
Teplota prostredia:	-5 - 45 °C
Teplota vzorky:	1°C až 40°C (33,8°F až 104°F)
Záruka:	24 mesiacov
Zdroj svetla:	Miniature xenon flashlamp with interference filter

Obsah balenia

Oil-in-water probe, user manual

Potrebné príslušenstvo

- Modul displeja SC1000 (Item LXV402.99.00001)
- SC4500 kontrolér, Prognosys, 5 x mA výstup, 2 digitálne sondy, 100 - 240 V AC, bez napájacieho kábla (Item LXV525.99A11551)
- SC4500 kontrolér, umožňujúci Claros, 5 x mA výstup, 2 digitálne sondy, 100 - 240 V AC, bez napájacieho kábla (Item LXV525.99AA1551)
- SC4500 kontrolér, umožňujúci Claros, 5 x mA výstup, 2 digitálne sondy, 100 - 240 V AC, zástrčka EÚ (Item LXV525.99CA1551)
- SC4500 kontrolér, Prognosys, 5x mA výstup, 1 digitálny sonda, 100 - 240 V AC, bez napájacieho kábla (Item LXV525.99A11501)
- SC4500 kontrolér, Prognosys, 5x mA výstup, 2 digitálne sondy, 24 V DC, bez zástrčky (Item LXV525.99Z11551)