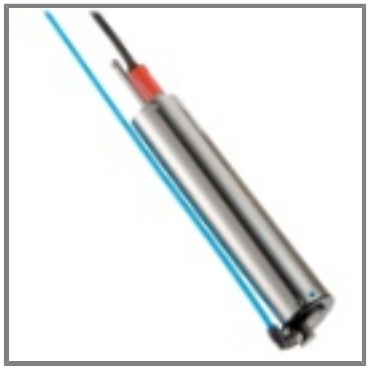


FP 360 sc Oil-in-water probe, 0.1-15 ppm Oil, ss, 10m, with cleaning

Termékszám: **LXV441.99.11201**

HUF Ár (nettó): Elérhetőségünk
Szállítás 2 héten belül

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 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 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 (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.”

Műszaki adatok

A doboz tartalma:	Oil-in-water probe, user manual
Anyag:	Housing: Stainless steel 316Ti (1.4571)
Anyaga:	Stainless Steel
Átmérő:	68 mm
Body Material:	Stainless Steel
Detektor:	UV photodiode with interference filter; Compensation of daylight and flashlamp intensity fluctuations
Érzékelő tisztító:	Yes
Fényforrás:	Miniature xenon flashlamp with interference filter
Garancia:	24 hónap
Gerjesztés:	Wavelength 254 nm
Hossz:	311 mm
Kábel hossz:	10 m (32.8 ft)
Kalibrálás:	Factory calibrated with UV fluorescence standard or process calibration with results of a grab sample analysis.
Környezeti hőmérséklet:	-5 - 45 °C
Mérés módszer:	UV fluorescence method for polycyclic aromatic hydrocarbons (PAH)
Méréstartomány:	0 - 500 ppb (µg/L) (PAH) or 0.1 - 15 ppm (mg/L) (Oil)
Minta hőmérséklet:	1 - 40 °C
Nyomástartomány:	Max. 30 bar (measurement probe)
pH érték(ek):	≥ 4
Reprodukálhatóság:	2.5 % of measured value at constant temperature
Súly:	2,8 kg
Tárolási feltételek:	-40 °C - 60 °C
Válaszidő T90:	10 s

A doboz tartalma

Oil-in-water probe, user manual

Szükséges tartozékok

- SC1000 kijelzőmodul (Item LXV402.99.00001)
- SC4500 vezérlő, Prognosys, 5x mA-es kimenet, 2 digitális érzékelő, 100-240 V AC, tápvezeték nélkül (Item LXV525.99A11551)
- SC4500 vezérlő, Claros-kompatibilis, 5x mA-es kimenet, 2 digitális érzékelő, 100-240 V AC, tápvezeték nélkül (Item LXV525.99AA1551)
- SC4500 vezérlő, Claros-kompatibilis, 5x mA-es kimenet, 2 digitális érzékelő, 100-240 V AC, EU-csatlakozó (Item LXV525.99CA1551)
- SC4500 vezérlő, Prognosys, 5 db mA-kimenet, 1 digitális érzékelő, 100-240 V AC, tápvezeték nélkül (Item LXV525.99A11501)
- SC4500 vezérlő, Prognosys, 5 db mA-kimenet, 2 digitális érzékelő, 24 V DC, csatlakozó nélkül (Item LXV525.99Z11551)