

FP360 sc PAH/Oil Fluorescence probe, 0-5000 ppb, Ti, 10m, w/o cleaning

Produktnr: **LXV441.99.22201**

SEK Pris: Kontakta oss
Skickas inom 2 veckor

Kontinuerlig mätning och övervakning av olja i vatten till rätt pris

Fluorescence probe for PAH/Oil in water measurements, range 0 - 5000 ppb (PAH calibration standard). Titanium enclosure, 10 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.

Lägsta ägarkostnad
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.

Givare för neddoppning: mäter olja i vattnet kontinuerligt
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.

Mineralolja i vatten – ner

till spårämnesnivå
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.

Tåliga givare, finns även i titan
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 - 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.

Digitalt SC-instrument för upp

till 8 elektroder
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.”

Specifikationer

Body Material:	Titanium
Detektor:	UV-fotodiod med störningsfilter; kompensering för dagsljus och lampans intensitetsvariationer
Diameter:	68 mm
Excitering:	Wavelength 254 nm
Garanti :	24 månader
Givarrengöring:	Yes
Kabellängd:	Max. 40 m inkl. förlängningskabel
Kalibrering:	Fabrikskalibrerad med UV-fluorescensstandard eller processkalibrering med resultat av stickprovsanalys.
Lagringsförhållanden:	-40 - 60 °C
Längd:	311 mm
Ljuskälla:	Xenon-lampa med störningsfilter
Material:	Titanium
Mätmetod:	UV-fluorescensmetod för polycykliska aromatiska kolväten (PAH)
Mätområde:	0 - 5000 ppb (µg/L) PAK, baserat på kalibreringsstandarder
	0,1 - 150 ppm (mg/l) olja, baserat på kalibreringsstandarder
Omgivningstemperatur:	-5 - 45 °C
pH Värde(n):	≥ 4
Provtemperatur:	1 - 40 °C
Reproducerbarhet:	2,5 % av uppmätt värde vid konstant temperatur (PAH)
Responstid T90:	10 s
Tryckområde:	Max. 30 bar (givare)
Vad ingår i leveransen:	Oil-in-water probe, user manual
Vikt :	1,8 kg

Vad finns i förpackningen

Oil-in-water probe, user manual

Obligatoriska tillbehör

- SC1000 probmodul för 4 givare, 4x 4 - 20 mA UT, relä, 110 - 240 VAC, EU-kabel (Item LXV400.99.2R121)
- SC1000 displaymodul (Item LXV402.99.00001)
- SC4500-styrenhet, Prognosys, 5x mA-utgång, 2 digitala givare, 100 - 240 VAC, utan nätsladd (Item LXV525.99A11551)
- SC4500-styrenhet, Claros-kompatibel, 5x mA-utgång, 2 digitala givare, 100 - 240 VAC, utan nätsladd (Item LXV525.99AA1551)
- SC4500-styrenhet, Claros-kompatibel, 5x mA-utgång, 2 digitala givare, 100 - 240 VAC, EU-stickkontakt (Item LXV525.99CA1551)
- SC4500-styrenhet, Prognosys, 5x mA-utgång, 1 digital givare, 100 - 240 VAC, utan nätsladd (Item LXV525.99A11501)
- SC4500-styrenhet, Prognosys, 5x mA-utgång, 2 digitala givare, 24 VDC, utan stickkontakt (Item LXV525.99Z11551)