



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

**Αρ. προϊόντος:**

**LXV441.99.11201**

**EUR Τιμή:**

**Επικοινωνήστε μαζί μας**

**Δεν εμφανίζεται η ημερομηνία αποστολής**

### **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 (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."

---

## Προδιαγραφές

Body Material:	Stainless Steel
Αναπαραγωγιμότητα :	2.5 % of measured value at constant temperature
Ανιχνευτής :	UV photodiode with interference filter; Compensation of daylight and flashlamp intensity fluctuations
Βαθμονόμηση :	Factory calibrated with UV fluorescence standard or process calibration with results of a grab sample analysis.
Βάρος :	2,8 kg
Διάμετρος :	68 mm
Διέγερση :	Wavelength 254 nm
Εγγύηση :	24 μήνες
Εύρος μέτρησης :	0 - 500 ppb (µg/L) (PAH) or 0.1 - 15 ppm (mg/L) (Oil)
Εύρος πίεσης :	Max. 30 bar (measurement probe)
Θερμοκρασία Δείγματος:	1 - 40 °C
Θερμοκρασία περιβάλλοντος :	-5 - 45 °C
Καθαρισμός αισθητηρίου:	Yes
Μέθοδος μέτρησης :	UV fluorescence method for polycyclic aromatic hydrocarbons (PAH)
Μήκος :	311 mm
Μήκος καλωδίου :	10 m (32.8 ft)
Πηγή φωτός :	Miniature xenon flashlamp with interference filter
Συνθήκες Αποθήκευσης:	-40 °C - 60 °C
Σώμα υλικού:	Stainless Steel
Τι περιέχει το καλάθι:	Oil-in-water probe, user manual
Τιμή (εξ) pH:	≥ 4
Υλικό :	Housing: Stainless steel 316Ti (1.4571)
Χρόνος απόκρισης T90:	10 s

---

## Τι περιέχει το καλάθι

Oil-in-water probe, user manual

---

## Απαιτούμενα παρελκόμενα

- Μονάδα αισθητήρα SC1000 για 4 αισθητήρες, 4 έξοδοι 4-20 mA, ρελέ, 110-240 V AC, καλώδιο EE (Item LXV400.99.2R121)
- Μονάδα οθόνης SC1000 (Item LXV402.99.00001)
- Ελεγκτής SC4500, Prognosys, 5 έξοδοι mA, 2 ψηφιακοί αισθητήρες, 100 - 240 VAC, χωρίς καλώδιο τροφοδοσίας (Item LXV525.99A11551)
- Ελεγκτής SC4500, με δυνατότητα Claros, 5 έξοδοι mA, 2 ψηφιακοί αισθητήρες, 100 - 240 VAC, χωρίς καλώδιο τροφοδοσίας (Item LXV525.99AA1551)
- Ελεγκτής SC4500, με δυνατότητα Claros, 5 έξοδοι mA, 2 ψηφιακοί αισθητήρες, 100 - 240 VAC, φcs ευρωπαϊκού τύπου (Item LXV525.99CA1551)
- Ελεγκτής SC4500, Prognosys, 5x Έξοδοι mA, 1 ψηφιακός αισθητήρας, 100 - 240 VAC, χωρίς καλώδιο τροφοδοσίας (Item LXV525.99A11501)
- Ελεγκτής SC4500, Prognosys, 5x Έξοδοι mA, 2 ψηφιακοί αισθητήρες, 24 VDC, χωρίς φcs (Item LXV525.99Z11551)