

PAH 5000

Oil-in-water/PAH probe



Immersion probe IP68 for oil-in-water and PAH.



Measuring method	UV fluorescence
Measuring ranges	Approx. 0~15 ppm, approx. 0~150 ppm
Accuracy	± 0.1 %
Response time	< 10 s
Operating pressure	0~3 bar
Sample temperature	2~40 °C
Plug	Open cable or SB plug
Material	Stainless steel V4A, POM
Dimensions	311 mm × 68 mm
Weight	2,7 kg

Product code 748 960

- Highly sensitivity
- Minimum maintenance
- Short response time
- No reagents required
- Sturdy design

Method

PAH 5000 excites polycyclic aromatic hydrocarbons (PAH) and oil in water with UV light. These substances react by emitting fluorescence light, which is then detected by the probe. This measurement principle is significantly more sensitive than other common methods such as infrared scattering.

The measuring window carries an anti-fouling coating.

Applications

Drinking water
Cooling water
Process water
(refineries, desalination plants)
Rainwater (airport runoff monitoring)

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