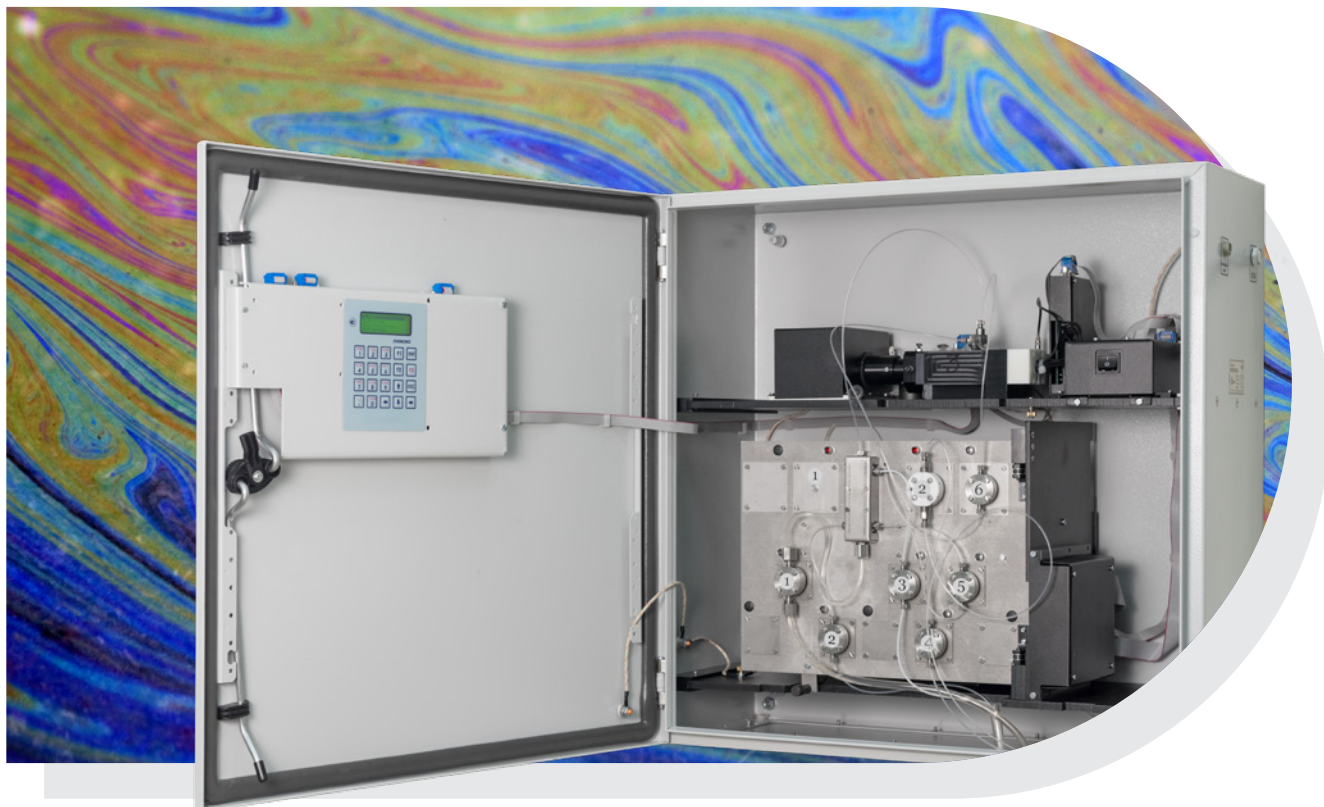


AE-2

Oil in water monitor



Applications

- ✓ Ecological and sanitary monitoring
- ✓ Technological monitoring
- ✓ Water quality control

Method

On-line fluorimetry

Principle of operation

AE-2 analyzer determines petroleum hydrocarbons in potable, natural, and waste water samples. The analyzer automatically performs the extraction and concentrating of dissolved petroleum products in the organic phase (hexane). Then the fluorescence intensity that is proportional to the concentration of the hydrocarbons is measured.

Features and benefits

- ✓ A cheap and non-toxic extragent – hexane is used
- ✓ Low detection limit
- ✓ Automatic cleaning of the hydraulic system of the analyzer in case of contamination
- ✓ Low interference from suspended particles
- ✓ Multi-point calibration
- ✓ Dust and splash resistance
- ✓ Programmable sample intake rate
- ✓ Digital data processing
- ✓ Nonvolatile memory

Specifications

Measurement range	0.025–20 mg/L (0.025–20 ppm)
Measuring rate	1 to 4 measurements per hour
Sample temperature range	4–50 °C
Sample pressure range	0.1–10.0 bar
Ambient conditions	Temperature: +5 to +50 °C Humidity: up to 80 %
Status signal output	“Alarm”, “Operation”, User-defined
Data output	RS-485, Current loop 4–20 mA
Power supply	180–240 V, 50 Hz, less than 100 VA
Size	600×600×250 mm
Weight	50 kg (77 lbs.)

Equipment and options

- ✓ Petroleum hydrocarbons analyzer AE-2
- ✓ Kit of spare parts and accessories with a flow cell (optional)

Warranty

Lumex Instruments equipment is covered by a 12-month warranty.

Service

Our engineers develop a scheme and design for the detectors installation upon customer's request and provide consultations and training.



Find your local Lumex Instruments distributor

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