



EZ7900 Toxicity Analyser

Продукт №: **EZ7900.XXXXXXXXXX**

BGN Цена: **Свържете се с нас**

Online, automatic respirometry for early warning of toxicity in wastewater treatment plants

Early Warning System against calamities

The EZ7900 Online Toxicity Analyser is able to detect and measure waste water streams that present an acute or chronic toxicity to the biomass of a water treatment plant. This allows operators to take corrective measures to protect the viability of the activated sludge.

Representative measurements on fresh sludge

Measurements are carried out on real sludge freshly sampled from the treatment plant by means of a self-cleaning sampling-filtration system (option). This unique approach has the following advantages: dynamic changes in biomass viability are immediately detected, while sample temperature and pH in the analysis vessel reflects those of the treatment plant.

The EZ7900 Series combine a unique, field-proven respirometric analyser design with a robust sampling-filtration system, assuring detection of toxic compounds or shock loads in an early stage:

- Detection of acute and chronic toxicity on activated sludge
- Measurement of the respiration rate by means of a single dissolved oxygen (DO) sensor
- Smart automatic features
- Standard 4 - 20 mA signal output with alarm processing
- Communication ports supporting connectivity to Modbus
- Multiple stream analysis

There are many additional options available. Please contact Hach for more details.

Спецификации

Demineralised water:	N.A.
Digital outputs:	Optional: Modbus (TCP/IP, RS485)
Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm ²
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Precision:	Better than 5% full scale range for standard test solutions
Reagent Requirements:	Keep between 10 - 30 °C

Validation:	Automatic; frequency freely programmable
Авариен сигнал:	1 x malfunctioning, 4 x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Автоматично почистване:	Да
Аналогови изходи:	Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option)
Бр. потоци проби:	1, 2, or 4
Гаранция:	24 месеца
Граница на откриваемост:	N.A.
Дренаж:	Atmospheric pressure, vented, min. Ø 32 mm
Захранване:	100 - 240 VAC, 50/60 Hz
	Max. power consumption: 120 VA
Измерване метод:	Respirometry
Измерване, диапазон:	0 - 100 % inhibition
Какво има в кутията:	EZ7900 Toxicity Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets and empty Containers for Reagents with Fittings
Калибриране:	Automatic; standard at every analysis cycle
Клас на защита:	Analyser cabinet: IP44 / Panel PC: IP65
Кювети за проба:	10 - 15 minutes
Материал:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Околна температура:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Параметър:	Toxicity; respiration rate
Проба, дебит:	100 - 300 mL/min
Проба, качество:	Maximum particle size 500 µm, < 0.1 g/L
	Most applications require the use of a dual EZ9110 + EZ9120 sampling/filtration system.
Проба: налягане:	By external overflow vessel
Размери (В x Ш x Д):	690 мм x 465 мм x 330 мм
Сертификати:	CE compliant / ETL certified
Смущения:	N.A.
Тегло:	25 kg
Температура на проба:	10 - 30 °C

Какво има в кутията

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