



EZ2729sc Total Nitrogen Colorimetric Analyser, 1 stream, 4x mA Output

Продукт №:

EZ2729.98VA140T

EUR Цена:

Свържете се с нас

Не е показана дата на доставка

Reliable, Scalable Systems Designed for Peak Performance

The EZ2729sc Total Nitrogen Analyser with the SC4500 Controller provides accurate, reliable nitrogen analysis for water. Designed for industrial and wastewater applications, it helps tackle inefficiencies and meet regulations, giving you better process control. Its user-friendly design ensures easy integration and dependable performance, making it a valuable tool for optimizing workflows.

Key Features

Flexible Customisation

The EZ2729sc Total Nitrogen Analyser is built to adapt to the unique needs of your plant. It comes standard with 1 stream and 4x mA outputs but can be configured to handle up to 8 streams and 8x mA outputs, ensuring flexibility for more complex processes. Advanced connectivity options, including Modbus RTU, Modbus TCP/IP, Profibus DP, and Ethernet/IP, make integration with existing systems seamless, allowing you to efficiently monitor and optimise operations.

Reliable and Easy to Use

Precision and reliability are at the core of the EZ2729sc. Built for demanding industrial applications, it delivers consistent, high-accuracy measurements with minimal maintenance needs. The user-centric design simplifies operation, reducing training time and ensuring smooth daily usage. Its robust construction guarantees long-term performance, even in challenging environments.

Explore Tailored Solutions

Every facility has distinct nitrogen monitoring requirements, and the EZ2729sc Total Nitrogen Analyser is built to meet them effectively. Contact us today to discover how this customisable solution can enhance your operations, streamline your workflows, and help you achieve compliance. Together, we'll design a configuration that's perfect for your needs.

Trusted Equipment for Critical Operations

The EZ sc Series combines robust engineering with high-quality materials to ensure reliability 24/7. Designed for long-term performance, EZ sc Series minimises breakdowns and supports sustained operational success.

Scalable Solutions for Growing Needs

Built to evolve alongside your needs, online analysers from the EZ sc Series offer adaptable parameters and easier integration. They ensure your facility remains future proof without requiring expensive upgrades. Easily adjust parameter testing ranges and expand sample streams to accommodate innovation and growth.

Real-Time Data for Faster Decisions

The EZ sc Series offers advanced connectivity and real-time monitoring, delivering immediate access to actionable insights. Facilities utilising this technology benefit from improved reaction times, empowering more informed decision-making and quicker responses during critical situations.

Simplified Troubleshooting with Expert Support

Built-in diagnostics combined with secure remote data access make the EZ sc Series simplify issue resolution. Supported by a highly responsive team of experts, it ensures uninterrupted functionality and minimises operational downtime. By addressing and identifying issues early, EZ sc Series of online analysers helps prevent costly disruptions and repairs while maintaining system efficiency.

Clear Workflows for Predictable Outcomes

Standardised tools and guided workflows ensure consistent implementation and operation. The EZ sc Series minimises miscommunication, sets clear expectations, and reduces process inconsistencies, driving greater efficiency.



Спецификации

Demineralsed water:	Internal dilution option: Rinse water & Dilution water
Digital outputs:	Profibus DP or Modbus RTU
Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm²
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air. Used to flush the instrument in corrosive environment. Min. 0.2 bar - Max. 0.5 bar
Precision:	Better than 4% full scale range for standard test solutions
Reagent Requirements:	Keep reducing and colour solution refrigerated: 10 - 15 °C. All other reagents between 10 - 30 °C
Validation:	Automatic; Frequency freely programmable: 6 hours, 12 hours, daily, weekly
Автоматично почистване:	Yes; Frequency freely programmable: 6 hours, 12 hours, daily, weekly
Аналогови изходи:	Active 0 - 20 mA (or 4 - 20 mA) max. 500 Ohm load, standard 4, optional: 8
Бр. потоци проби:	Standard: 1
	Optional accessory for 2, 4, or 8 sample streams
Гаранция:	24 месеца
Граница на откриваемост:	0.25 - 10 mg/L TN: 0.25 mg/L
	0.5 - 20 mg/L TN: 0.5 mg/L
	1.25 - 50 mg/L TN: 1.25 mg/L
	2.5 - 100 mg/L TN: 2.5 mg/L
Дренаж:	Atmospheric pressure, vented, min. Ø 32 mm
Захранване:	230 VAC, 50/60 Hz
	Max. power consumption: 240 VA
Измерване метод:	Colorimetric
Измерване, диапазон:	Internal Dilution
	0.25 - 10 mg/L TN
	0.5 - 20 mg/L TN
	1.25 - 50 mg/L TN
	2.5 - 100 mg/L TN
Изход:	Optional: Claros Ethernet connection and Modbus TCP/IP Ethernet connector; LAN version; 10/100 Mbps or Profinet or Ethernet IP
Калибриране:	Automatic; 2-point; offset or slope; Frequency freely programmable: 6 hours, 12 hours, daily, weekly. Note: manufacturer recommends that a calibration is done when the reagents are replaced
Клас на защита:	IP44

Кювети за проба:	Default: 45 min.
	Continuous: 36 min.
Материал:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Модел:	EZ2729sc
Околна температура:	10 - 30 °C ± 4 °C deviation at 5 - 95% relative humidity (non-condensing)
Параметър:	Nitrogen, Total
Проба, дебит:	100 - 300 mL/min
Проба, качество:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Проба: налягане:	By external overflow vessel (open to atmospheric pressure)
Размери (В x Ш x Д):	688 мм x 460 мм x 340 мм
Релета:	5 contacts, not user configurable: Malfunction, maintenance, analysis ready, sample ready, sample ready (EZ9150)
Сертификати:	CE, ETL certified to UL and CSA safety standards, UKCA
Смущения:	Ions, e.g., antimony (III) (Sb^{3+}), bismuth (III) (Bi^{3+}), chloroplatinate (PtCl_6^{2-}), gold (III) (Au^{3+}), iron (III) (Fe^{3+}), lead (II) (Pb^{2+}), mercury (II) (Hg^{2+}), metavanadate (VO_3^-) and silver (I) (Ag^+) can cause precipitation with nitrate. Copper (Cu^{2+}) ions can decompose the diazonium salt and cause a low result. NCl_3 can cause a red color. Strong oxidizing agents interfere. Large quantities of color and turbidity interfere. Fats, oil, proteins, surfactants and tar interfere.
Тегло:	Max. 35 kg
Температура на проба:	10 - 30 °C