



EZ2740sc Total Zinc Colorimetric Analyser, 1 stream, 4x mA Output

Produktnr:	EZ2740.980A140T
SEK Pris:	Kontakta oss
Inget leveransdatum anges	

Reliable, Scalable Systems Designed for Peak Performance

The EZ2740sc Total Zinc Analyser, with the advanced SC4500 Controller, provides accurate and reliable monitoring of total zinc levels in water. Designed for industrial and wastewater facilities, it helps improve efficiency, ensure compliance, and maintain operations. Built for reliability and easy integration, the EZ2740sc simplifies workflows while delivering consistent results.

Key Features

Flexible Customisation

The EZ2740sc Total Zinc Analyser adapts to your operational needs with ease. Starting with a base configuration of 1 stream and 4x mA outputs, it can be upgraded to handle up to 8 streams and 8x mA outputs, accommodating growing plant demands. Advanced communication options—including Modbus RTU, Modbus TCP/IP, Profibus DP, and Ethernet/IP—ensure effortless integration into your existing systems, streamlining operations and data collection.

Reliable and Easy to Use

Built to perform in challenging environments, the EZ2740sc Total Zinc Analyser delivers accurate zinc measurements with minimal maintenance. Its intuitive design empowers operators to set up and manage the Analyser efficiently, while the robust construction ensures durability and long-term reliability. By reducing complexity and operational interruptions, the EZ2740sc helps maintain productivity and process optimisation.

Explore Tailored Solutions

Every facility has unique needs, and the EZ2740sc Total Zinc Analyser is designed to adapt to your specific requirements. Contact us today to learn how this customisable solution can enhance your processes, ensure compliance, and deliver dependable results every time. Together, we'll find the perfect configuration tailored to your goals.

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.

Specifikationer

Analoga utgångar:	Active 4 - 20 mA max. 500 Ohm load, standard 4, max. 8 (option)
Antal provströmmar:	Standard: 1
	Optional accessory for 2, 4, or 8 sample streams
Automatisk rengöring:	Yes; Frequency freely programmable: 6 hours, 12 hours, daily, weekly
Certifieringar :	CE, ETL certified to UL and CSA safety standards, UKCA
Cooling water:	Flow rate approx. 5 L/h; temperature max. 30 °C; pressure max. 0.5 bar
Cykeltid:	No Dilution
	Default: 30 minutes
	Continuous: 29 minutes
	Internal Dilution
	Default: 32 min.
	Continous: 32 min.
Demineralised water:	Internal dilution option: Rinse water and Dilution water
Detektionsgräns:	No Dilution
	0.01 - 0.1 mg/L Zn(T): 0.01 mg/L
	0.03 - 0.25 mg/L Zn(T): 0.03 mg/L
	0.03 - 0.5 mg/L Zn(T): 0.03 mg/L
	0.05 - 1 mg/L Zn(T): 0.05 mg/L
	Internal Dilution
	0.25 - 5 mg/L Zn(T): 0.25 mg/L
	0.5 -10 mg/L Zn(T): 0.5 mg/L
	1.25 - 25 mg/L Zn(T): 1.25 mg/L
Digital outputs:	Profibus DP or Modbus RTU
Dimension (H x B x D):	688 mm x 460 mm x 340 mm
Dränering:	Atmospheric pressure, vented, min. Ø 32 mm
Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm²

Garanti :	24 månader
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
Kalibrering:	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
Kapslingsklass:	IP44
Larm:	1 x malfunctioning, 4 x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Material:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Mätmetod:	Colorimetric measurement using TPTZ colour solution
Matningsspänning:	230 VAC, 50/60 Hz
	Max. power consumption: 240 VA
Mätområde:	No Dilution
	0.01 - 0.1 mg/L Zn(T)
	0.03 - 0.25 mg/L Zn(T)
	0.03 - 0.5 mg/L Zn(T)
	0.05 - 1 mg/L Zn(T)
	Internal Dilution
	0.25 - 5 mg/L Zn(T)
	0.5 -10 mg/L Zn(T)
	1.25 - 25 mg/L Zn(T)
Modell:	EZ2740sc
Omgivningstemperatur:	10 - 30 °C ± 4 °C deviation at 5 - 95% relative humidity (non-condensing)
Parameter:	Zinc, total
Precision:	Better than 2% full scale range for standard test solutions
Prov: tryck:	By external overflow vessel (open to atmospheric pressure)
Provflödes hastighet:	100 - 300 mL/min
Provkvalitet:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Provtemperatur:	10 - 30 °C
Reagent Requirements:	Keep between 10 - 30 °C
Reläer:	5 contacts, not user configurable: Malfuntion, maintenance, analysis ready, sample ready, sample ready (EZ9150)
Skyddsklass:	IP44
Störningar:	Aluminium (III) (Al^{3+}) > 5 mg/L, cadmium (II) (Cd^{2+}) > 1 mg/L, chromate (VI) (CrO_4^{2-}) > 50 mg/L, chromium (III) (Cr^{3+}) > 10 mg/L, cobalt (II) (Co^{2+}) > 30 mg/L, copper (II) (Cu^{2+}) > 30 mg/L, iron (II) (Fe^{2+}) > 9 mg/L, iron (III) (Fe^{3+}) > 7 mg/L, manganese (II) (Mn^{2+}) > 5 mg/L, nickel (II) (Ni^{2+}) > 5 mg/L, organic matter and extreme sample pH. Large quantities of color and turbidity interfere. Fats, oil, proteins, surfactants and tar interfere.
Utgång :	Optional: Claros Ethernet connection and Modbus TCP/IP Ethernet connector; LAN version; 10/100 Mbps or Profinet or Ethernet IP
Vad ingår i leveransen:	EZ2740sc Iron Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 2 x empty 2.5 L Reagent Containers with Fittings (for Reductor & Buffer Solution) and 1 x empty 2.5 L Glass Reagent Container (for Colour Solution)

Validation:	Automatic; Frequency freely programmable: 6 hours, 12 hours, daily, weekly
Vikt :	Max. 35 kg

Vad finns i förpackningen

EZ2740sc Iron Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 2 x empty 2.5 L Reagent Containers with Fittings (for Reductor & Buffer Solution) and 1 x empty 2.5 L Glass Reagent Container (for Colour Solution)