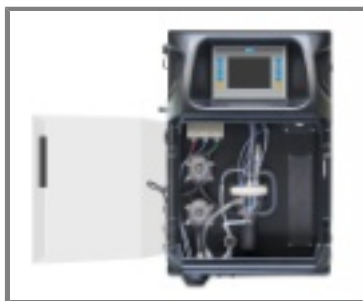




Be Right™



## EZ3501 Ammonium Analyser, 1 stream, Modbus RS485

# de producto: EZ3501.99001C02

USD Precio: Contacto Hach

### Online ion-selective Ammonium measurements with standard addition for industrial applications

#### ISE technology for complex water matrices

The EZ3500 Series are used for water monitoring applications where ion-selective electrodes are the preferred analytical technique, but the water matrix is complex. Standard addition helps minimise matrix interferences that otherwise might contribute to the output signal of the electrode.

#### Discontinuous, automatic standard addition

The EZ3500 Series run discontinuous measurements with careful addition of a known standard in an analysis vessel. Discontinuous ISE analysis enhances control over the potentiometry, eliminates cross-contamination between cycles and reduces overall reagent consumption.

The EZ3500 Series combine unique technology with a set of analysis, control and communication features in an industrial analyser mainframe designed for the highest performance:

- Smart automatic features
- Control and communication via industrial panel PC
- Analogue and digital output options
- Multiple stream analysis (up to 8 streams)

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

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## Especificaciones

Aire de instrumentación:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Alarma:	1x malfunctioning, 4x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Alimentación:	110 - 220 VAC, 2 A, 50/60Hz
	Max. power consumption: 150 VA
	Other voltages available on request
Calibración:	Automatic, 2-point; frequency freely programmable
Calidad de muestra:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU

Caudal de muestra:	100 - 300 mL/min
Certificaciones:	CE compliant / UL certified
Conexión a tierra:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm <sup>2</sup>
Dimensiones (A x A x P):	690 mm x 465 mm x 330 mm
Drenaje:	Atmospheric pressure, vented, min. Ø 64 mm
Exactitud:	Better than 2% full scale range for standard test solutions
Garantía:	1 año
Grado de protección:	Analyser cabinet: IP55 / Panel PC: IP65
Interferencias:	Volatile amines interfere. Fats, oil, proteins, surfactants and tar.
Límite de detección:	≤ 1 mg/L (range 1 - 10 mg/L)
Material:	Hinged part: Thermoform ABS, door: plexiglass  Wall section: Galvanised steel, powder coated
Método de medición:	Discontinuous measurement by combined ion-selective electrode with standard addition, conform with standard method APHA 4500-NH <sub>3</sub> €
Número de corrientes de muestra:	1 stream  Optional:  1 to 8 streams
Parámetro:	Ammonium
Peso:	25 kg
Presión de muestra:	By external overflow vessel
Rango de medición:	10 - 100 mg/L NH <sub>4</sub> -N  Optional:  10 - 25 mg/L NH <sub>4</sub> -N  10 - 50 mg/L NH <sub>4</sub> -N
Requisitos de los reactivos:	Keep between 10 - 30 °C
Salida:	Modbus RS485  Optional:  Active 4 - 20 mA max. 500 Ohm load, 1 to 8 outputs  RS232, Modbus TCP/IP
Salidas digitales:	Modbus RS485
Temperatura ambiente:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Temperatura de la muestra:	10 - 30 °C
Tiempo de ciclo:	8 minutes
Validación:	Automatic; frequency freely programmable