



## **EZ6108 Cadmium Cd(II) + Copper Cu(II) + Lead Analyser Pb(II), 1 stream, Modbus RS485**

제품 번호: EZ6108.99001C02  
KRW 가격: Hach에 문의

### **Trace metal analysis of dissolved Cadmium Cd(II) + dissolved Copper Cu(II) + dissolved Lead Pb(II) in water by online voltammetry**

#### **About the 6000 Series**

The EZ6000 Series of Online Trace Metal Analysers are based on the technology of stripping voltammetry, a sensitive analytical technique that can be automated for the determination of trace levels of metals in water. For many metals the EZ6000 Series boasts limits of quantification in the low ppb range, comparing the technique favorably with AAS or ICP analysis.

#### **Single, multiple and total parameter configurations**

Several product sublines with a wealth of combinations are available for determination of trace metals, including the standard single parameter and multi-parameter configurations without digestion. Measurement of complexed or adsorbed metals is possible by means of the configurations with built-in digester. Combinations of metals depend on the choice of working electrode and the priority metals for your application.

#### **Advanced features**

The EZ6000 Series build upon tried and tested voltammetry technology used in many clean water applications, in an industrial mainframe with the following prime features:

- Excellent selectivity and sensitivity
- Built-in sample digestion unit (hot acid or UV)
- Smart automatic features
- Standard 4 - 20 mA signal output with alarm processing
- Communication ports supporting connectivity to Modbus
- Higher measuring ranges: internal sample dilution
- Multiple stream analysis

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

Demineralised water:	For rinsing and/or dilution
간섭:	Thallium (III), tin (VI), organic matter may interfere. Fats, oil, proteins, surfactants and tar.
검출 하한(LOD):	$\leq 1 \mu\text{g/L Cd}$ , $\leq 1 \mu\text{g/L Pb}$ , $\leq 10 \mu\text{g/L Cu}$
경보:	1 x malfunctioning, 4 x user-configurable, max. 24 VDC/0.5 A, potential free contacts
계측용 공기:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
교정:	Automatic, 2-point; frequency freely programmable
냉각수:	Not required
디지털 출력:	Modbus RS485
무게:	25 kg
배수:	Atmospheric pressure, vented, min. $\varnothing$ 64 mm
범위:	1 - 100 $\mu\text{g/L Cd(II)}$ , 10 - 100 $\mu\text{g/L Cu(II)}$ , 1 - 100 $\mu\text{g/L Pb(II)}$
보증:	2 years
보호 등급:	Analyser cabinet: IP55 / Panel PC: IP65
사이클 타임:	10 minutes (dilution + 5 min.)
시료 스트림 수:	1 stream
	 Optional:
	1 to 6 streams
시료 압력:	By external overflow vessel
시료 온도:	10 - 30 °C
시료 유속:	100 - 300 mL/min
시료 품질:	Maximum particle size 100 $\mu\text{m}$ , < 0.1 g/L; Turbidity < 50 NTU
시약 요구 사항:	Keep between 10 - 30 °C
유효성 검사:	Automatic; frequency freely programmable
인증:	CE compliant / UL certified
재료:	Hinged part: Thermoform ABS, door: plexiglass
	Wall section: Galvanised steel, powder coated
전력:	220 - 240 VAC, 2 A, 50/60 Hz Max. power consumption: 150 VA; Other voltages available on request
접지:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm <sup>2</sup>
정밀도:	Better than 5% full scale range for standard test solutions
주위 온도:	10 - 30 °C $\pm$ 4 °C deviation at 5 - 95% relative humidity (non-condensing)
출력:	Modbus RS485
	 Optional:
	Active 4 - 20 mA max. 500 Ohm load, 1 to 8 outputs
	RS232, Modbus TCP/IP
측정 방법:	Stripping voltammetry using carbon electrode
항목:	Cadmium, dissolved Cd(II); Copper, dissolved Cu(II); Lead, dissolved Pb(II)