



EZ Series COD Analysers

The EZ Series Online Analysers offer multiple options to monitor Chemical Oxygen Demand (COD) in water. Typical applications are wastewater and surface water.

The EZ7000 Series COD Analysers are single-parameter titrators. There is a choice between two digestion methods.

Dichromate method:

- EZ7000 standard measuring range: 5 - 100 mg/L O₂
- EZ7001 standard measuring range: 40 - 500 mg/L O₂
- EZ7002 standard measuring range: 60 - 1,000 mg/L O₂
- EZ7003 standard measuring range: 80 - 1,500 mg/L O₂
- EZ7004 standard measuring range: 100 - 10,000 mg/L O₂

Permanganate method:

- EZ7050 standard measuring range: 0 - 20 mg/L O₂
- EZ7051 standard measuring range: 20 - 200 mg/L O₂

Options for all analysers include:

- Calibration to 25% or 50% of standard range
- Multiple stream analysis (1-8 streams) reducing cost per sampling point
- Analogue and/or digital outputs for communication

Some applications may require the use of a sampling/filtration or an external dilution system for sample preconditioning. For this option please check the EZ9000 Sample preconditioning page.

Need support or a different configuration? Please contact us.

Part Number	Product description	Parameter	Measuring range	Output	GBP Price
EZ7000.990A1C02	EZ7000 Chemical Oxygen Demand Analyser (COD, Dichromate Method), 1 stream, Modbus RS485	COD	5 - 100 mg/L O ₂	Modbus RS485	Contact Us
			Optional:	Optional:	
			5 - 25 mg/L	Active 4 - 20 mA max. 500 Ohm load, 1 to 8 outputs	
			5 - 50 mg/L	RS232, Modbus TCP/IP	
EZ7001.990A1C02	EZ7001 Chemical Oxygen Demand Analyser (COD, Dichromate Method), 1 stream, Modbus RS485	COD	40 - 500 mg/L O ₂	Modbus RS485	Contact Us
			Optional:	Optional:	
			40 - 125 mg/L	Active 4 - 20 mA max. 500 Ohm load, 1 to 8 outputs	
			40 - 250 mg/L	RS232, Modbus TCP/IP	
EZ7002.990A1C02	EZ7002 Chemical Oxygen Demand Analyser (COD, Dichromate Method), 1 stream, Modbus RS485	COD	60 - 1,000 mg/L O ₂	Modbus RS485	Contact Us
			Optional:	Optional:	
			60 - 250 mg/L	Active 4 - 20 mA max. 500 Ohm load, 1 to 8 outputs	
			60 - 500 mg/L	RS232, Modbus TCP/IP	
EZ7003.990A1C02	EZ7003 Chemical Oxygen Demand Analyser (COD, Dichromate Method), 1 stream, Modbus RS485	COD	80 - 1,500 mg/L O ₂	Modbus RS485	Contact Us
			Optional:	Optional:	
			80 - 375 mg/L	Active 4 - 20 mA max. 500 Ohm load, 1 to 8 outputs	
			80 - 750 mg/L	RS232, Modbus TCP/IP	
EZ7004.990A1C02	EZ7004 Chemical Oxygen Demand Analyser (COD, Dichromate Method), 1 stream, Modbus RS485	COD	100 - 10,000 mg/L O ₂	Modbus RS485	Contact Us
			Optional:	Optional:	
			100 - 2500 mg/L	Active 4 - 20 mA max. 500 Ohm load, 1 to 8 outputs	
			100 - 5000 mg/L	RS232, Modbus TCP/IP	
EZ7050.990A1C02	EZ7050 Chemical Oxygen Demand Analyser (COD, Permanganate Method), 1 stream, Modbus RS485	COD	0 - 20 mg/L O ₂	Modbus RS485	Contact Us
			Optional:	Optional:	
			0 - 5 mg/L	Active 4 - 20 mA max. 500 Ohm load, 1 to 8 outputs	
			0 - 10 mg/L	RS232, Modbus TCP/IP	

Part Number	Product description	Parameter	Measuring range	Output	GBP Price
EZ7051.990A1C02	EZ7051 Chemical Oxygen Demand Analyser (COD, Permanganate Method), 1 stream, Modbus RS485	COD	20 - 200 mg/L O ₂	Modbus RS485	Contact Us
			Optional:	Optional:	
			20 - 50 mg/L	Active 4 - 20 mA max. 500 Ohm load, 1 to 8 outputs	
			20 - 100 mg/L	RS232, Modbus TCP/IP	