

Trace Oxygen Analyser AMS 3120

The AMS 3126 is the successor of the old AMS 3120 trace oxygen analyser. We don't manufacture AMS 3120 anymore, but we ensure the service and maintenance.

Technical Data

Analyser	AMS 3120
Measuring principle	Electrochemical Oxygen Sensor
Application	Gases industries, Chemical Industries
Measuring range	4, automatically changing, with digital identification 0 ... 25 Vol % or 0 ... 10, 0 ... 100, 0 ... 1000 ppmv
Analogue signal port	(0) 4 ... 20mA, galvanically separated
Reproducibility	+/- 2 % of the measuring value
Resolution	0,01 ppm – C(O ₂) – 0,01 % depending on O ₂ concentration and application
T90-Time	ca. 40 seconds
Display	2* 20 digit, illuminated LCD display
Messages	2 free adjustable isolated changeover relays
Gas connection	inlet / outlet 3 / 6 mm ferrule pack
Gas sampling	built-in inlet / outlet valve flowmeter, pressure reducer
Sample flow	min. 40 NI/h, max. 70 NI/h / purge gas 3 NI/h
Sample pressure (inlet)	min. 1,01 bar abs., max. 10 bar abs.
Sample pressure (sensor)	max. 50 mbar pressure
Ambient operating temp.	- 5 °C up to + 45 °C
Relative humidity of the gas	0 ... 99 % not condensing
Power supply	110 or 230 VAC / 60 - 50 Hz
Protection / Housing / Dimensions	IP20 / portable housing / 450 x 177 x 386 mm (bxhxt) IP20 / 19" rack 6 HU
Weight	10-12 kg
Options	5-way valve, manual, for switching between the gases (e.g. PR-Gas 1+2 / Cal-Gas 1+2) auto-calibration
Version: AMS 3120 E V01-2010-12	