

Gas purifier GR 120 E



- Generates constant, high-quality zero air.
- Principle of operation: catalytic oxidation
- Activated carbon filter as output filter for optimum zero air processing
- Easy catalyser replacement via the front panel

Application Gas purifiers supply devices and systems with synthetic air. They are used in stationary measuring systems or laboratories for the supply of gas chromatographs, and in analysis systems as test and operating air.

Description From ambient air available via an oil-free compressor or from a central air supply system, the gas purifier GR 120 E generates zero air of a consistently high quality from which all hydrocarbons – including methane(CH₄) – have been removed. The device operates on the basis of the principle of catalytic oxidation where all hydrocarbons and carbon monoxide are turned into water carbon dioxide.

The inlet filter element is a fine filter with a fineness of 0.3 µm. The outlet filter element is an activated carbon filter as outlet filter for optimum zero air processing.

Technical specifications

Operating temperature range

Ambient: 5/40 °C

Storage: 0/50 °C

Gas inlet conditions

Compressed air: 0.2 / 8 bar, oil-free and dry

Dew point: < -10 °C

Output concentration

<0.1 ppm, measured as methane

Gas inlet/gas outlet

G^{1/2} female thread

Supply voltage

AC 230 V, 50 Hz

Housing

19" rack housing 3 U

W x H x D: 440 x 187 x 365 mm

Weight: Approx. 11.0 kg

Degree of protection: IP 20

PG: 4	Part no.	Price €
Gas purifier GR 120 E	61815	

Blue part no. = in-stock items