



## Chromatec Air compressor

Chromatec air compressor is a source of air for gas chromatography laboratory use. Benchtop design and diaphragm-type suggests optimum solution for small and medium size laboratories to supply air in 1 ... 3 gas chromatographs.

### Key features:

- Diaphragm-type, oil free compressor
- Regulating air pressure at the outlet
- Save-cost solution for small and medium size laboratories
- Use optional Catalytic purifier 20.0 to reduce organics down to 0.1 ppm in produced air flow.

### Application range:

- Feed gas for gas chromatography detectors: FID, NPD, FPD/PFPD, CCD, SCD

### Technical Specification:

Cross ID	2.933.002-03	
Product Number	451-0202	451-0203
Delivery pressure	170 kPa	500 kPa
Max. productivity	3 L/min	8 L/min
Max pressure in receiver	410	700
Noise level	< 63 dBA	< 65 dBA

**Environmental Conditions:**

Ambient Operating Temperature:	from 10 to 35°C
Relative humidity:	not more than 80 %
Storage Temperature:	from -50 °C to 50°C
Power Requirements:	~220V ±10%, 50±1Hz
Power consumption:	140W

**Other specifications:**

Dimensions: (WxDxH);	220 mm x 560 mm x 420 mm
Weight:	25 kg
Fittings	1/8"

**Related products:**

Catalytic Purifier 20.0 model 01 (hydrocarbon removal), P/N 451-0511

**Safety and Certification:**

Products designed and manufactured under regulations of GOST R ISO 9001 quality standard.

At electromagnetic compatibility Air compressor meets the requirements of IEC 61010-1, CE-certified as a part of chromatograph "Chromatec-Crystal 9000"

Air compressor certified as a part of bundle system on the basis of Chromatograph "Chromatec-Crystal 5000" according to TS 9443-004-12908609-99.

Information and technical specification in this publication are subject to change without notice.

For more information please contact us at:  
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09-101-7027EN

