



## TEST BENCH MONOXIDE



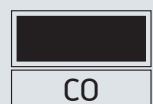
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The test bench is designed for dynamic tests of personal protective equipment of filter type in order to determine the protection time for carbon monoxide.

The test bench is fully automated and is a stand-alone device. During testing, the test bench provides automatic control of all parameters specified in the regulatory documents.

Monoxide test bench meets the requirements of the following standards:  
EH 404:2011, EH 403:2004,  
GOST P 12.4.294-2013, DIN 58647-7,  
BS EN 14387: 2004 + A1: 2008





## AUTOMATION

- ▶ High level of automation. All control is performed using laptop and touch-screen.
- ▶ Recording of all required test parameters in a database for subsequent analysis Automatic.



## COST-EFFECTIVENESS

- ▶ Low cost of ownership, scheduled service, modular replacement of the spare parts. The test bench automatically reports its malfunctions and scheduled work, thus downtime is significantly reduced.
- ▶ Autonomous operation doesn't require permanent presence of a person. Saves operator working time.
- ▶ Ease of use of the test bench. Highly qualified personnel are not required.



## MOBILITY

- ▶ Test bench mobility. Low weight and a trolley make it easy to move the test bench when needed.
- ▶ Unique weight and dimensional parameters. Does not require additional and special room.

### Temperature

- +24°C... +26°C

### Flow rate

- 100... 130 dm<sup>3</sup>/min

### Relative humidity

- at a temperature of 25°C: 90 ± 3 % RH
- at a temperature of 28°C: 98 ± 3 % RH

### Measurable CO content in inhaled air

- 0... 500 ppm

### Respiration depth

- up to 2,0 dm<sup>3</sup>

### Flow rate of carbon monoxide

- 0... 2 dm<sup>3</sup>/min

### Respiration frequency

- up to 30 min<sup>-1</sup>

### Exhalation temperature

- +37°C

### Lung ventilation

- up to 60 dm<sup>3</sup>/min

### Exhalation humidity

- from 95% to 100% RH

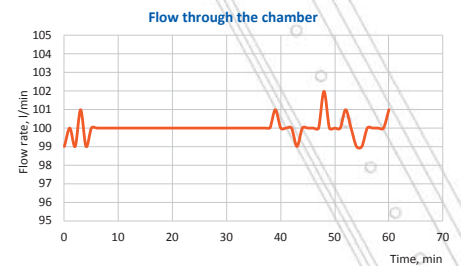
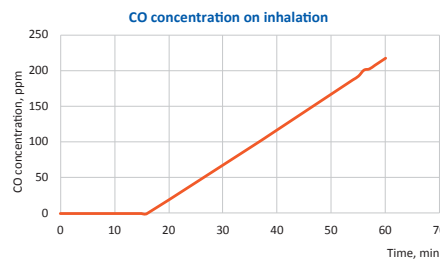
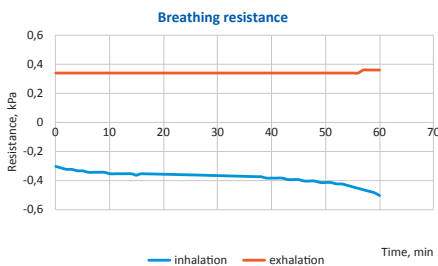
### Dimensions

- height: 1730 mm
- width: 640 mm
- length: 620 mm

Weight no more than 50 kg

Power supply 220 V 50 Hz

Power consumption no more than 2 kW



## FIELDS OF APPLICATION



Research institutes and universities



Developers and manufacturers of the RPE



Certification centers and laboratories