

Checking zero point & diluting span gas sources

Calibration of Ambient Air Monitoring Systems

Zero Gas Generator ZNV-7

HORIBA's compact designed Zero Gas Generator ZNV-7 is used for mobile, stationary or laboratory scale zero point checking & diluting span gas sources for the calibration of ambient air analyzers.

HORIBA Europe's Zero Gas Generator ZNV-7 has been developed to check the zero point and dilute the span gas sources in order to carry out the calibration of ambient air monitoring systems. The increasing sensitivity of ambient air analyzers is required by strict official guidelines, which demands pure and dry air in a sufficient quantity at constant pressure.



CE marking compliant



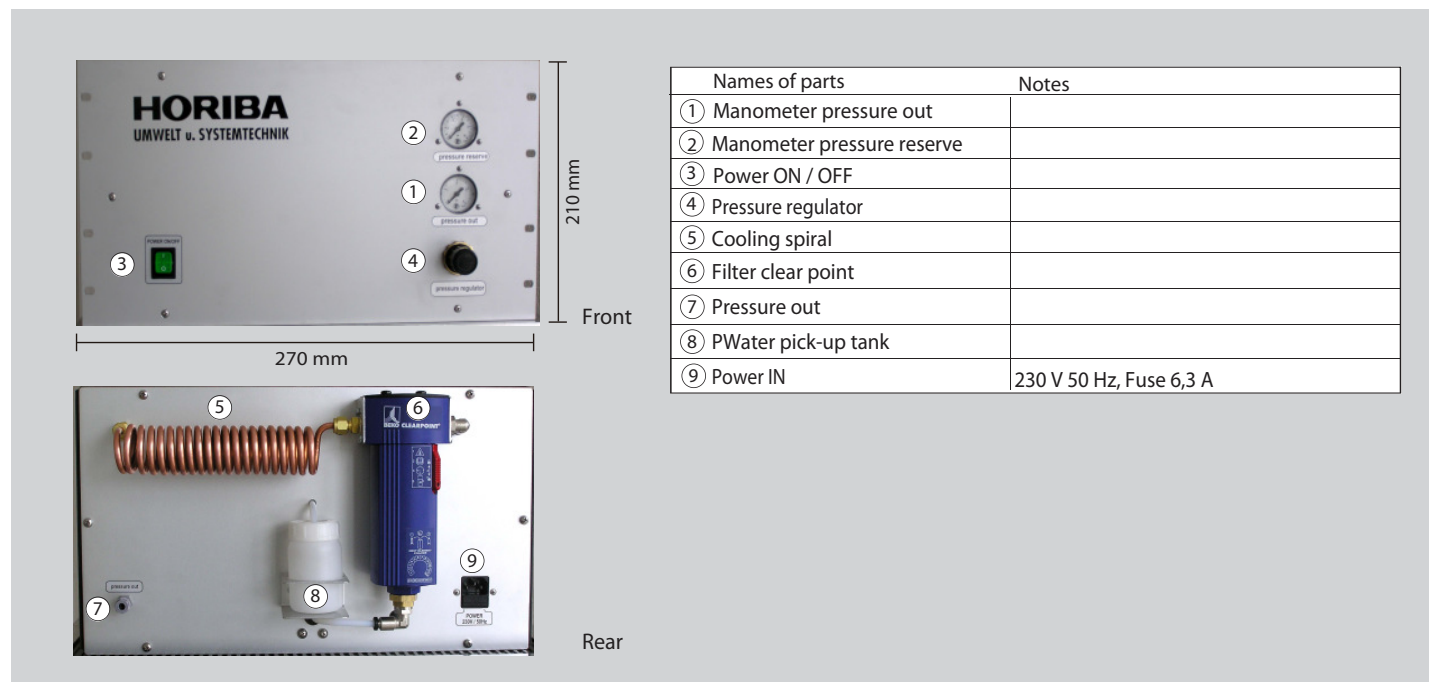
Functions:

- Ambient air will be sucked through a filter by using an oil-free piston compressor and will be compressed to max. 7 bar.
- The compressed air will be piped to a cooling spiral followed by cooling filter for eliminating the humidity.
- The dew point of the gas will be reduced by 35°K using a membrane dryer.
- The installed container with 7l size will reduce the operation hours to a minimum.
- The pressure at the outlet can be adjusted in a range of 1 – 4 bar.
- For cleaning the gas will pass filter cartridges and the Purafill filter after pressure regulating.
- The maintenance interval depends on ambient air conditions and zero gas consumption. At least 4 month will be guaranteed.
- The pressure of the container and the outlet will be displayed at the front panel.

Specifications

Model	ZNV-7
Application	Zero point and span gas dilution
Zero gas supply	max. 10 l/min
Relative humidity	< 5 %
Efficiency for SO ₂	< 1.0 ppb
Efficiency for NO / NO ₂	< 1.0 ppb
Efficiency for O ₃	< 1.0 ppb
Efficiency for CO	< 10.0 ppb
Output pressuregas	0 - 4 bar
Automatic dehumidifier	
Automatic condensate drain	
Oil free piston compressor	
Power consumption	max. 435 W
Power supply	230 V ac 50 / 60 Hz
Dimensions (L x H x W)	19" plug-in unit, 6 HU, 860 x 270 x 480 mm
Weight	30 kg
Conforming standards	CE marking, DIN EN 14792

External dimensions



Please read the manual before using this product to assure safe and proper handling of the product.

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