ECO PHYSICS **PAG 003**

APPLICATION EXAMPLES

- Zero-point verification
- Certification and calibration
- Gas phase titration (GPT)
- Research and development
- Gas chromatographs
- Flame ion analyzers
- Flame photometric detectors

The Pure Air Generator PAG 003 is your reference source of efficient and reliable zero air. It eliminates the need for ultrahigh-purity zero air cylinders. The PAG 003 is specifically designed for CLD analyzers measuring sub ppb levels. Other trace gas analyzers benefit as well.

- Rapid system integration and rack mounting
- Compact and modular design
- Virtually maintenance free even in continuous operation
- Pure air down to ppt level
- Adjustable output pressure

Pure and reliable

Increasing sensitivity of air pollution analyzers, as required by laws and regulations, demands pure air in sufficient quantity and at constant pressure. For zero-point verification and calibration of gas analyzers, as well as the dilution of calibration gases and for GPT, a source of very pure compressed air is needed. The PAG 003 eliminates the need for ultrahigh purity (UHP) zero air cylinders that are needed for operating many process gas analyzers, such as flame ionization analyzers and gas chromatographs. The PAG 003 delivers pure air, free from water vapor, particles, sulfur dioxide (SO_2), oxides of nitrogen (NO_x), ozone (O_3), carbon monoxide (CO) and hydrocarbons (HC).

Maintenance

The PAG 003 is designed for continuous operation. Maintenance requirements are minimal and easy to perform. The installed particle filters and water traps guarantee seamless operation.

Elimination

NO_x, SO_2, O_3	<10 ppt
HC, CO	<3 ppb
Dew point (frost point)	<-10°C
Particles	< 7 µm

General specifications

Output flow	8 l/min
Output pressure	1.5 bar
Gas connections	¼'' Swagelok
Supply voltage	230 V / 50 Hz or 115 V / 60 Hz
Power consumption	650 VA max.
Dimensions	19'' rack (6 HU)
Weight	25.5 kg PAG 003 6.6 kg compressor

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Measurably better

ECO PHYSICS reserves the right to change these specifications without notice.

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