

airmoPURE 45 PSI

Ref. XXX031



Zero air

The airmoPure provides zero air for :

- ▲ FID detector : 180 ml/min
- ▲ Pneumatic valve : 60 ml by commutation
- ▲ Permapure : 150 ml/min
- ▲ Flow in the cooling box (Pelletier effect) : 13 ml/min
- ▲ Dilution of permeation tube for calibration: 50mL/min in continuous mode
- ▲ Carrier gas for MEDOR

The airmoPure includes :

- A compressor fixed on a **4-liter cylinder at 7 bars which delivers outlet pressure at 3 bars.**
- A **membrane air dryer** with automatic purge .The air is dried before being compressed in the cylinder.
- A **catalyser** to eliminate hydrocarbons at PPT level
- Connections between the airmoPure and the instrument

Use **example** with 3 bars inlet : 180 mL/min for FID ,

50mL/min in continuous mode in CALIB (airmoCAL)

Dilution : 230mL/min in discontinuous mode (during calibration only),

Benzene permeation tube (32 ng/min +/-10% : at 45°C : 139 µg/m³ or 37 PPB) 230mL/min

Zero air for analysis in discontinuous mode (airmoBTX /CALIB)180+50 ≈ 250 mL/min

Service pressure BN : 45 psi (3 bars)

Electric specifications : 230 / 110 VAC 50Hz / 60 Hz

Power : 310 W (0.18HP)

Noise : 35 dB(A)

Zero air maximum flow: 1.0 L/min in discontinuous mode.

Dew point < 0°C.

Zero air total hydrocarbon concentration: <0.1 ppb NMTHC in ambient air without pollution

Zero air start up time : 45 min

Printed Matter Reference: TSP-XXX031-003E-Airmopure45 psi-070309.doc

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Due to Chromatotec continuing program on product improvements, specifications are subject to change without notice