

CleanAir-EPM

Dilution system

The dilution probe works on the principle of the sonic nozzle. It is ideal for reducing concentrations, or for drying and cooling condensable gas.

This system consists of a dilution control panel, a 316L stainless steel dilution probe and a glass sonic nozzle. The panel also controls the injection of calibration gas for a very precise determination of the dilution ratio which can be between 1/16 and 1/300 th.

Thanks to the principle of the sonic nozzle, the dilution ratio is very stable despite the variations in absolute pressure in the duct. If the inlet is blocked, the operator can initiate a cleaning of the probe filter by back-purge.

- ✓ **Location à partir d'un jour**
- ✓ **Assistance technique incluse**
- ✓ **Conforme normes EN 12341 et 14907**

TECHNICAL SPECIFICATIONS

DILUTION RATIO	1/16 to 1/300
PREREQUISITES	Zero instrument air on site at 5 bars High-grade standard gas for the dilution ratio
CONSOMMATION	6 l / min of diluting air 20 to 500 cc of standard gas
PANEL DIMENSIONS	17 cm x 21 cm x 15 cm
PROBE DIMENSIONS	70 cm x 20 cm x 3 cm
WEIGHT	25 kg

Similar product available at CleanAir :



JUM E-108
Dilutor

Control panel



Sampling probe

KEY POINTS

- Adjustable dilution air pressure
- Heated line not required
- Sample transported at positive pressure
- Back-purge system to clean the filter input
- No loss for soluble molecules

APPLICATIONS

- High dilution levels
- Drying and cooling corrosive gas

For more information

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