

FT-IR Purge Gas



Up to 80 l/min dry, CO₂-Free air supply

The FT-IR Purge Gas Generator from In House Gas, delivers ultra-dry air with CO₂ removed to below 1ppm, for use as a carrier gas.

FT-IR Purge Gas is essential for many industrial and laboratory applications, in particular FT-IR Spectrometers, and leads to improved process quality, reduced equipment downtime and lower operation costs.

Features & Benefits:

- * Reduces CO₂ to <1ppm
- * Reduces water vapour to <1ppm
- * Space Saving & Lightweight
- * Continuous self-regeneration
- * 3 Stage Filtration & Silenced Cabinet as standard
- * Two year Warranty

Typical Applications:

- FT-IR Spectrometers
- TOC Analysers
- Continuous Emissions Monitoring
- Gas Chromatographs
- Laboratory Analysers

Choose your system:

Model	Flow	Operating Pressure
C02-PG14	14 L/min	50-120 psig
C02-PG28	28 L/min	50-150 psig
C02-PG80	80 L/min	50-150 psig

We reserve the right to change and modify any product specifications or design. Error and omissions accepted

In House Gas (manufacturing) Ltd, Baptiston House, Killlearn, Scotland G63 9LE

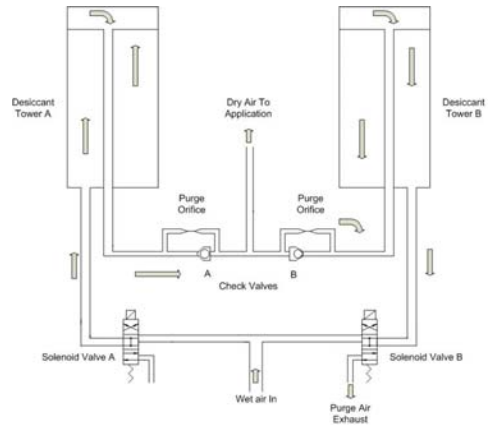
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How does the Purge Gas generator work ?



The Purge Gas Generator use 13X Molecular Sieve with Pressure Swing Adsorption (PSA) technology to remove water vapour and CO₂ from ordinary compressed air. The open solenoid valve directs the wet and CO₂ -laden air into one of the desiccant chambers, where water vapour and CO₂ are removed. The clean and dry air leaving the desiccant chambers passes through a valve to the application. A precision orifice in the outlet valve allows a portion of the cleaned dry air to be re-directed back through the off-line desiccant chamber, purging it of the accumulated moisture and CO₂ .



FAQ's

How much do they cost?

Generator costs vary. We work with you to properly size the system to meet your requirements. Once this is done, we can make a formal price quote. We include a two year warranty and no-quibble guarantee with all our Dryers.

Please tell us more about your application needs.

Do you have any references?

Yes. We would be delighted to offer a number of references.

Do you rent or lease your systems?

Yes, please contact us for details.

What are the Maintenance Costs?

Filter cartridges need to be replaced based on a maintenance schedule. The maintenance is a simple procedure which can be carried out on the field. But for extra peace of mind we do offer Spares Kits that obtain all standard parts

Please Contact us for more Details.

Can I change the flow of the system?

NO!! This will make your warranty void. Do not change flow without calling In House Gas.

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