



ECOLINE 100 – I, II, IV

Allround Gas Filler with Gas Sensor Control and Modern Laminar-Flow-Technology

Sensor-controlled gas filling station designed to improve thermal and acoustic properties of insulating glass units by low-loss off-line gas filling with premixed, technical or noble gases (e.g. Argon, SF₆, Krypton or Xenon) for I.G. manufacture on a medium scale with up to 450 units per shift, depending on pane dimensions and number of outputs

- easy start-up and operation
- no external intervention needed für calibration
- application of laminar flow technique for ultralow-loss gas filling
- precise gas-sensing, proven in more then 1700 installations worldwide
- reliable operation down to 1.2 bar (15 psi) input pressure

Function & Design

Automatic gas filling control to minimize gas losses by on-line gas-sensing

Internal sensor gauging and automatic self-test routines

No test gas, no external interference needed for calibration

1, 2 or 4 independent outputs to reduce cycle time

Maintenance-free by lifetime-checked components

Exchange units always on stock for emergency express service



| Technical Data | ECOLINE |
|---------------------------------|---------------------------------------|
| Flow Rate capacity per output | up to 8L / min. (Ar) |
| Number of independent outputs | 1, 2 or 4 |
| Additional outputs | on request |
| Height x Length x Width, Weight | 220mm x 260mm/520mm x 480mm, 8 / 16kg |
| Power supply | 230V ± 10%, 50Hz (or as requested) |
| Power input / Stand-by | max. 62 VA / 25 VA |
| Further Options | as requested |

Technische Änderungen vorbehalten.

Typical Applications

- Reliable all-purpose gas filling station, suitable even for specialities
- Economic ultralow-loss filling of expensive gases (e.g. Krypton, Xenon)
- Initial equipment for small and medium sized manufacturers

DGT - Anlagen und Systeme GmbH

Muehlweg 1

Tel.: +49 8104 / 8919 - 0

D-82054 Sauerlach

Fax: +49 8104 / 8919 - 11

Germany

Email: DGTheinzDrobe@aol.com