

RAPIDLINE

Multisensor-controlled rapid gas filling station designed to improve thermal and acoustic properties of insulating glass units by low-loss high performance gas filling with premixed, technical or noble gases (e.g. Argon, SF₆, Krypton or Xenon) for I.G. manufacture on industrial scale with up to 350 units per shift and number of gas filling outputs, depending on pane dimensions

Gasfüllanlagen
Schnellfüllgeräte
Misch- und Dosieranlagen
Sondermaschinen
Projektlertung und Beratung

- easy start-up and operation, no external calibration, as easy as possible
- application of suction control technique for high performance gas filling
- precise gas-sensing proven in more than 1900 installations worldwide
- reliable operation down to 1.2 bar (15 psi) input pressure

Function & Design

- Compact and rugged design
- Operation as easy and reliable as possible
- Quick gas filling technique (1 sqm in < 45 seconds)
- Automatic gas filling control to minimize gas losses by on-line gas-sensing
- On-line mbar pressure sensing for high performance gas filling with suction control technique
- Internal sensor gauging, automatic self-test routines
- No test gases for calibration, no external interference
- 2 independent outputs to reduce cycle time, as option
- One-hole and horizontal gas filling possible as well
- Lifetime-checked components
- Exchange modules and units always on stock
Emergency express service



Technical Data

Number of independent outputs
Flow rate capacity per output
Overall output capacity
Height x width x depth
Weight
Mains
Power / Stand-by
Additional customized options

RAPIDLINE 100 – I / II

1 or 2, further outputs on request
30 N L / min (Ar)
60 N L / min (Ar)
630 x 600 x 600 mm
50 kg
110V/230 V ± 10%, 50/60 Hz (as requested)
max. 350 VA / 100 VA
on request

Typical Applications

Economic high performance gas filling station
Reliable all-purpose rapid gas filling for horizontal or vertical production
Flexible alternative to a gas filling press at low investment