

## SPEEDLINE

Worldwide quickest high-performance multi-sensor-controlled gas filling station designed to improve thermal and acoustic properties of insulating glass units by in-line rapid gas filling with premixed, technical or noble gases (e.g. Argon, SF<sub>6</sub>, Krypton or Xenon) for I.G. manufacture on industrial scale with up to 700 units per shift and number of outputs, depending on pane dimensions

- easy start-up and operation, no external calibration
- application of suction control technique for high performance gas filling
- combination of high speed Argon gas filling and low-loss Krypton gas filling
- precise gas-sensing proven in more than 1900 installations worldwide

### Function & Design

- Compact and rugged design
  - Operation as easy and reliable as possible
  - Quick gas filling technique (1 sqm in < 35 seconds)
  - Automatic on-line gas-sensing to minimize gas losses
  - On-line mbar pressure sensing for high performance gas filling with intermitted suction control technique
  - Automatic size recognition technique to evaluate best-fit suction and flow parameters
  - Internal sensor gauging, automatic self-test routines
  - No external calibrations or adjustments needed
  - No test gases for calibration, no external interference
  - 2 independent outputs to reduce cycle time, as option
  - Lifetime-checked components
  - Exchange modules and units always on stock
- Emergency express service



### Technical Data

### SPEEDLINE xx – I / II

Number of independent outputs	1 or 2 outputs, as requested
Flow rate capacity per output	up to xx N L / min (Ar), where xx = 70, 100, or 150, as requested
Height x width x depth, weight	1060 x 620 x 600 mm, 90 kg
Power / Stand-by	230 V ± 10%, 50 Hz (or as requested), max. 1400 VA / 100 VA

### Typical Applications

Reliable high performance gas filling station  
In-line rapid gas filling even of specialties and with expensive gases  
Highly flexible alternative to a gas filling press at a moderate investment