

# Technical Data Sheet

## SMOOTHFLO™

### Technical Specification

The all-new SMOOTHFLO™ hybrid gas pressure regulator incorporating "Dynamic Quadflow Stability Control" (DQSC) represents the highest level of development in the global gas pressure regulator arena. Incorporating several world firsts, the SMOOTHFLO™ combines the best of all regulator characteristics worldwide, with innovative features that take the technology to a new level, making this regulator one of the easiest to use. Developed in-house and embodying the Linde spirit of taking the lead, the new SMOOTHFLO™ gas pressure regulator has an innovative and compact design that achieves impressive levels of performance and safety.

#### Features

- Break-off inlet stem
- Robust cladding
- Unique lever activation technology
- Embedded pressure gauges
- Piston-embedded safety valve
- Piston driven technology

#### Range

SMOOTHFLO™ regulators are currently available for oxygen and acetylene. A range of inert gas pressure regulators will be available shortly.



Description	Oxygen 1 000 kPa	Acetylene 150 kPa
Item number	W003139	W003137
International standards	ISO 2503, AS 4267	ISO 2503, AS 4267
Gas type	Oxygen	Acetylene
Regulator outlet pressure – delivery range (kPa)	1 000	150
Regulator outlet connection	3/8" BSP RH	3/8" BSP LH
Inlet stem to cylinder valve thread	5/8" BSP RH	5/8" BSP LH
Safety valve integrated into piston	Yes	No
Gauge scale	kPa	kPa
Pressure adjusting knob colour	Blue	Red
Inlet pressure (kPa)	20 000	2 500
Cladding material	Nylon-based	Nylon-based
Weight	1,058 kg	1,072 kg
Warranty	5 years (conditional)	5 years (conditional)
TÜV certified	Yes	Yes
Third party oxygen ignition tested (Apragaz)	Yes	No
Third party oxygen promoted ignition tested (Apragaz)	Yes	No

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