

MultiGas Fillers

TGE Gas Filling Machines are part of a superior range of machinery manufactured by TGE (Thermoseal Glass Equipment). With 30-plus years' experience in building machinery specifically for the production of insulated glass, you can be assured that all equipment is built to last.

Gas fillers are designed to cater for all levels of sealed unit production. The TGE Gas Filling Machine range consists of seven models with different input, output and speed features. Machines include: NM Gas Fillers (Argon only), NM Multigas Fillers (with Argon fast-fill feature) and Multigas machines which allow you to choose between Argon or alternative gases.

All machines are lightweight and easily transportable so they can be used when required and moved out of the way when not needed. All are supplied with a regulator for standard bottles.

NM Gas/Multigas Fillers

All NM Multigas Fillers are built with 1 or 2 variable speed ports for filling with Argon (Ar), Krypton (Kr), Xenon (Xe) or pre-mixed gases. The advanced system on these machines ensures they can be used with all gases for sealed unit production.

Standard NM Gas Fillers are for Argon fast-filling only.

Multigas connectors. Available on selected machines.

Connector for simple foot pedal operation as standard.

Highly Sensitive Gas Probes are controlled by machine processors to detect under and over fill.



Actual Size: 520mm (W) x 540mm (H) x 500mm (D)



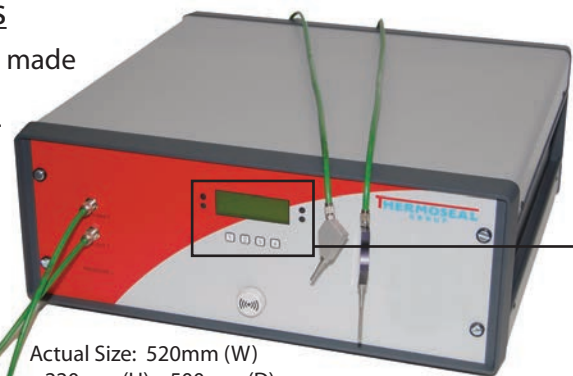
Multi-functional microprocessor controlled panel.

Ports for Argon Fast Fill

'Foot pedal operation for quick and easy use.'

Multigas Fillers

Multigas Fillers are made with 1 or 2 ports. These fillers are for use with any gas. No fast-fill feature. Additional regulator required for Krypton Gas.



Actual Size: 520mm (W) x 220mm (H) x 500mm (D)

'All Multigas fillers run with Argon or other gases by simply changing the gas bottle.'

For further information contact Thermoseal Group Limited.

Sales Enquiries: 0845 331 3950 or sales@thermosealgroup.com

Technical Enquiries: 0121 331 3961 or merrickn@thermosealgroup.com

Glass Sealed Unit Production Machinery



General Specification

Power Requirements

Electrical Voltage	220/230V
Current	6 Amps (2 Amps for Multigas 1 and 2)
Connection	13 Amp plug

Gas Filler Range

Performance

Types of gas	Argon (Ar), Krypton (Kr), Xenon (Xe) or pre-mixed gases. (Standard NM1 and NM2 Gas Fillers are for use with Ar gas only).
No of Ports	1-2 (with connectors for Argon and/or other gases).
Argon Fast-Fill Rate	30 - 35 Litres per minute (NM Fillers only).
Other Gas fill rate	12 - 15 Litres per minute.
Filling process	Horizontal one hole filling on Argon fast-filling machines only. Vertical filling using two holes with any gas.

'TGE Machines are designed to cater for all levels of sealed unit production'

Features

Display	20 x 4-Character display indicating constant state of machine.
Controls	Microprocessor controlled. Auto self-calibrating. Run-on timer (adjustable by customer) to ensure complete fill of units.
Quick Gas Change	Simply change the gas by swapping the compressed gas cylinder and quickly switching the setting on the machine.
Low maintenance	Uses pumps with no rotary vanes thus cutting down on maintenance (NM Fillers only).
Safety	Audible and visual alarms indicate when: <ul style="list-style-type: none"> - A unit is filled with gas (Argon pressure detectors indicate under/overflow). - The gas supply is low (if gas bottle is switched off or needs changing).
Supplied with	A bottle regulator for Argon gas. Filling lances. Pipe work. Foot pedals for starting the filling process (NM Fillers only).
Optional Extras	Portable work station Argon Gas Tester Spare Probes Additional regulator required for Multigas Fillers for use with Krypton Gas

Model Type	Multigas Fillers	NM Gas Fillers	NM Multigas Fillers
Dimensions (Width x Height x Depth)	520mmx220mmx500mm	520mmx540mmx500mm	520mmx540mmx500mm
Weight	13Kg	34-35Kg	35-36Kg
No of fast pump Argon Ports	N/A	1 or 2	1 or 2
No of multigas ports	1 or 2	N/A	1 or 2
Argon fill rate (Litres per minute)	12 - 15	30 - 35	30 - 35
Multigas fill rate (Litres per minute)	12-15 (Ar) / 5 max. (Kr)	N/A	12 - 15
Foot pedal for starting fill included	Optional	Yes	Yes
Portable Workstation	Optional	Optional	Optional

Recommended for use with Gas Fillers:

Hot Melt Guns for plugging gas holes



Argon Gas Test Kit



For further information contact
Thermoseal Group Limited.

Sales Enquiries: 0845 331 3950 or sales@thermosealgroup.com

Technical Enquiries: 0121 331 3961 or merrickn@thermosealgroup.com