

Product information

Gas filling machine

Type RAPIDE L500

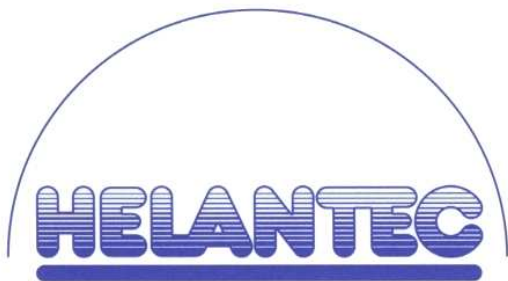


This gas filling equipment has been developed for an economical gas filling process. The capacity is approximately 500 units per 8 hours/day **for one line** (0.8 m² – 14mm – 11.2 litres volume). **Upgrading is possible to 4 lines, which means you get a capacity up to 1500-2000 units per day.**

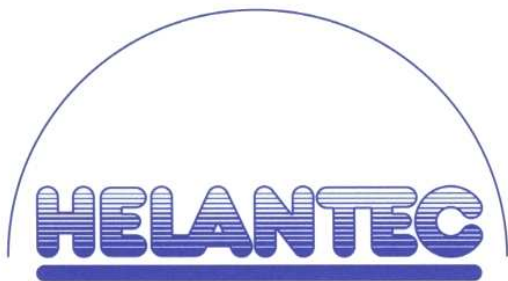
It is mainly used in the production process (after compress before sealing).

The techniques are based on quick filling simultaneously by pumping out the air without pressure drop inside or increase in pressure. It is the “small brother” of our RAPIDE System, which is “the top high end system” on the market for this kind of gas filling method.

The filling process will be stopped by an analyser.



application:	Gas filling in the production process useable for all gases and mixtures in the insulation glass industry.		
filling-lines:	1-4		
capacity:	appr. 500 units per day for one filling line (8 hours, 0.8 m ² - 11.2 litres)		
technology:	microprocessor-controlled		
construction:	modular		
speed:	the filling speed will be synchronised from 10-50 litres/min mode for very small units	special	
connectors:	at the back – preventing disorder		
pressure control:	within milliseconds		
concentration- measurement:	on line by a special analyser		
concentration display:	on line per LED's		
stop:	Automatically between 70% to 100 % concentration at the output depending on the users adjustment.		
calibration of the analyser:	with calibration mode – 1 times a week only		
gas input pressure:	5 bar rel.		
input gas pressure control:	optical and acoustic		



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Gasanalysengeräte und -systeme

gas injection: at less than 500 mbar

dimensions appr.: 580x790x550mm (HxWxD)

weight appr.: 42kg

filling time (*based on 90 % concentration – and a filling lance diameter of 4 mm*):

dimension	time appr.
small	< 25 sec.
medium	< 35 sec.
big	> 45 sec.

Shipment complete – ready for filling.

- | | |
|------------------|--|
| Option 1 | special filling program for other gases (like krypton) |
| Option 2 | multiplexer to adapt 2 types of gases parallel |
| Option 3 | foot pedal |
| Option 4 | external gas mixer |
| Option 5 | cart to place the gas filling- device and 2 bottles of gas |
| Option 6 | distribution unit for the tubing |
| Option 7 | communication-module |
| Option 8 | data store and transfer |
| Option 9 | interface to adapt a bar code-scanner |
| Option 10 | terminal for data input (order-No., customer-No., etc.) |