

Helantec GmbH, D-76646 Bruchsal  
Gasanalysengeräte und -systeme

## Gas-Filling Machine RAPIDE L200



The RAPIDE L200 is a very efficient, manually operated gas-filling machine for filling insulating glass units – equipped with highly modern and top-rated technology.

The RAPIDE L200 makes it very easy to fulfil legal requirements concerning quality assurance and quality documentation. On account of its interfaces and connection possibilities the gas-filling machine is already prepared for a large variety of future requirements.

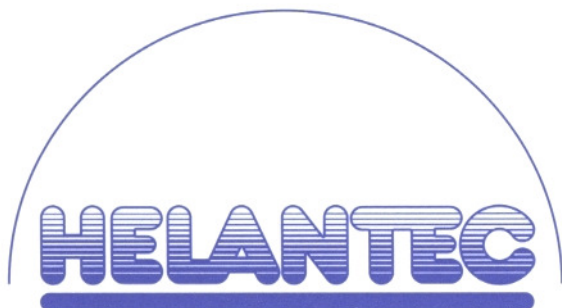
The concept of the RAPIDE L200 gives you great performance at an excellent value.

The RAPIDE L200 has been developed for universal application – not only including routine application but also special tasks such as samples, unusual shapes and dimensions.

The adaption of the Communication Module 5 is only possible for the types RAPIDE L500 and RAPIDE L900.

Our understanding of efficiency includes:

- Reliable gas filling degrees and consistently high quality
- Fast filling and short manufacturing cycles
- Low gas loss
- Robust and tough in design and technology
- Various filling and suction probes available – according to your requirements



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This gas-filling machine has been developed for an economic filling process. It has a capacity of approximately:

**300 units per day \***

at 8 hrs / day and DGUs with 0.8 m<sup>2</sup> / 14 mm spacer bar / 11.2 litres volume.

The RAPIDE L200 works by using the fast-filling technology, which means filling amount and suction volume are synchronised. The reading of the internal pressure of the insulating glass unit regulates this process. The increasing of pressure is lower when the synchronization is more successful, resulting in less mixings and less turbulences.

This leads to reliable filling degrees with, at the same time, lower gas loss and shorter filling times. HELANTEC merely allows a pressure build-up of maximum 3 mbar inside the insulating glass unit. This special technique is based on many years of experience. Users especially appreciate the high controlling precision for large IG units.

**A gas analyser, especially developed for this purpose by HELANTEC, monitors the filling process online. The gas analyser is suitable for all gas types and gas mixtures used within the insulating glass industry.**

The gas concentration is measured online during the whole filling process. The filling process is automatically stopped, as soon as the pre-set gas concentration is reached.

**The gas-filling machine is available with one filling line.**

\* Net filling time – Argon / handling-time not taken into consideration

#### **OPTIONS**

- OPTION No. 7.1 \*\* Gas filling trolley for gas filling machine
- OPTION No. 7.2 \*\* Distribution overhead arm
- OPTION No. 8 \*\* ISO GAS METER (IGM) for measuring gas consumption
- OPTION No. 9 \*\* External gas mixer for producing gas mixtures

\*\* Option can be refitted