

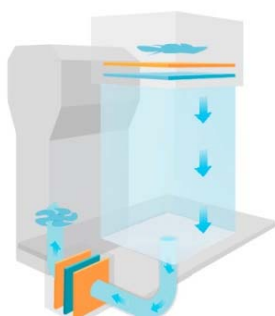


# L-SERIES



## Filter system

With the option of a separate filter system, the L-series can be installed as a standalone unit which can be easily moved. Furthermore, a highly protective ventilation is guaranteed which eliminates the need for breaking into the central ventilation system. As a bonus, energy saving is obtained together with a general improvement of the air quality.



## systemBiometron - Best possible protective ventilation

systemBiometron is a unique and patented solution based on controlling the airflow. The laminar airflow protects personnel from contaminated air, while an open and ergonomic working environment is achieved.

- 1 Laminar airflow pushes hazardous substances against workspace.
- 2 The contaminated air is drawn through the perforated workspace.
- 3a) Contaminated air is evacuated through the central ventilation.

*Alternatively, with the option of a separate filter system:*

- 3b) Contaminated air is drawn through the filter system and the clean air is then returned into the premises.

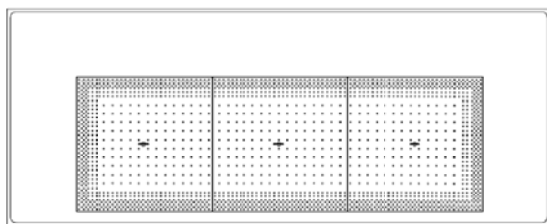


### Standard equipment

The L-series is offered in various sizes and configurations:

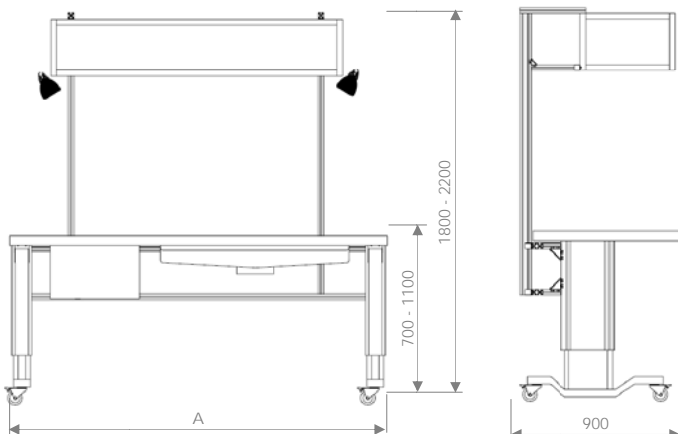
All models are equipped with the following:

- Bench, with waste edge, made of acid resistant stainless steel.
- Ventilated working surface, perforation, made of acid resistant stainless steel plates that are easily removed for cleaning.
- Robust lifting columns with integrated actuators (20 mm/s) mounted on lockable wheels. Working height 700-1100 mm.
- Vertical aluminium rods for easy assembly of optional equipment.
- Sender unit with quiet fans for generating the downward laminar air flow.
- Efficient and glare free lighting.
- For model LS ventilated sink and Broen fitting (cold/hot water mixer with integrated shower function).



### Model L

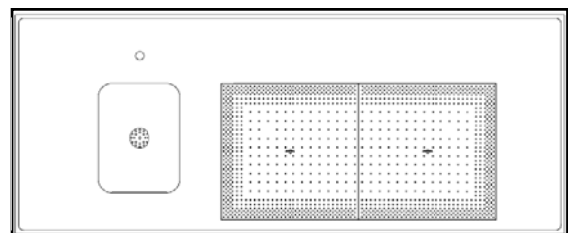
Designed with removable perforations in different sizes. For laboratory work handling large quantities of hazardous substances on a regular basis.



### Options

The wide range of options includes the following:

- Adapted filter system for highly efficient purification of process air (see separate product info).
- Prefilter: sender unit is equipped with a HEPA filter for a clean air environment (downward laminar flow of purified air).
- Additional fittings, such as for distilled water, formaldehyde, xylene.
- Ventilated waste bin integrated in working bench.
- Monitor and keyboard arms.
- Stainless steel shelf.
- Airflow monitor with display and alarm function.



### Model LS

In addition to perforations, the LS is designed with a ventilated sink for handling fluids. Sinks in standard sizes from 200x300 mm to 400x400 mm can be placed on the left or right hand sides. Sink is enclosed by a suction box with hatch and drainage for cleaning.

Format, model working space	A mm	Perforation mm	Airflow * litre/sec
1500x800 L	1500	Up to 1100x500	Up to 150 ca
LS	"-"	Up to 800x500	"-"
1750x800 L	1750	Up to 1350x500	Up to 190 ca
LS	"-"	Up to 1050x500	"-"
2000x800 L	2000	Up to 1600x500	Up to 225 ca
LS	"-"	Up to 1300x500	"-"
2250x800 L	2250	Up to 1800x500	Up to 250 ca
LS	"-"	Up to 1500x500	"-"
2500x800 L	2500	Up to 2000x500	Up to 280 ca
LS	"-"	Up to 1600x500	"-"

Electrical connection 230V/50 Hz. Ventilation connection\* inlet Ø 200-250 mm.

For LS: Suction box drains (cleaning) R40/R1½", sink drains R40/R1½".

Broen fittings, cold resp hot water, 12 mm.

\* Recommended airflow. Airflow depending on size of perforation and sink.



BIOMETRON

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