



# HETTICH BENELUX ASPIRATION SYSTEMS

- Value for money.
- User friendly.
- Capacity & extraction speed.
- Cost saving.
- Easy to clean.
- Accessories.



# HETTICH BENELUX ASPIRATION SYSTEMS

## PERFECT FIT TO YOUR APPLICATIONS; SAVE MONEY AND SPACE!

Hettich Benelux specializes in the design, manufacture, installation and maintenance of climate control equipment worldwide. In addition to custom build projects, Hettich Benelux also supply standard laboratory equipment which can be adapted to specific applications, thanks to our own engineering department.

In 2016 Hettich Benelux purchased the rights to manufacture three product lines (aspiration systems, shakers, thermomixers and block thermostats) of the German company Ditabis. The Aspiration system is available in three versions: compact, standard and automatic. The compact system has a smaller housing compared to the standard and the automatic versions. The main difference between the three systems is the vacuum depth they can reach.

The speed of aspiration depends on the depth of the vacuum. The automatic system has the lowest vacuum (100 mbar). For this reason it is possible to connect two handles to the vacuum pump.

We also deliver Aspiration devices AE & AK for vacuum connection in the laboratory. All the bottles are equipped with quick lock connection for easy and fast changing. Various accessories are available and are detailed in the brochure.

Hettich Benelux Aspiration systems are suitable for the Life Sciences, Pharma, Medical Diagnostics, Food Sciences and Chemistry markets.

The maintenance of our products including the Aspiration systems can be carried by our Service & Installation department.

# HETTICH BENELUX ASPIRATION SYSTEMS

## YOUR ADVANTAGES AT A GLANCE

### Value for money

There is an Aspiration system available for every budget, varying from a simple to an automatic system where the vacuum pump stops when the vacuum is reached.

### User friendly

The Aspiration systems are easy to install and can optionally be fitted with a nozzle using a Luer-Lock adapter which allows the attachment of a Pasteur pipette. Attachments are also available with 1, 4 or 8 channels. A foot switch is also an option. For more information see the models 'standard (AC)' or 'automatic (AA)'.

### Capacity & extraction speed

The Aspiration systems are available with bottles of 2 or 4 liters. The extraction speed depends on the model 8, 17 or 25 liters of air per minute. With the additional nozzle it is possible to adjust the extraction speed with the aid of a rotary knob.

### Cost saving

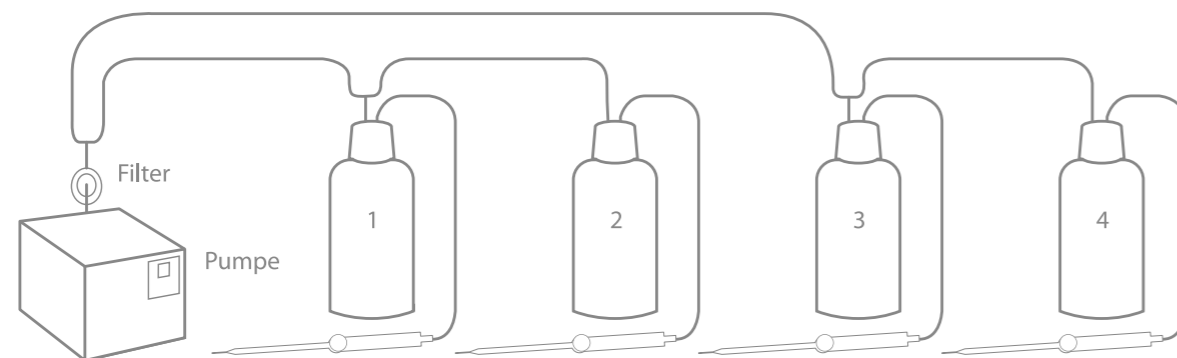
The automatic aspiration system can be connected to several (up to 4) bottles and extraction points.

### Easy to clean

With all the Aspiration systems, the bottles are fitted with a quick lock adapter so that the vacuum tubes are easy to remove and the bottle can be easily emptied and cleaned. The bottles are also autoclavable

### Accessories

Various accessories are available for the Aspiration systems. These can be found under the various models. For the series 'standard (AC)' and 'automatic (AA)' an extension set (AE/AK) for several bottles is also available.



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## COMPACT, STANDARD AND AUTOMATIC

### Compact Aspiration System



Incl. quick lock connection, 1x 3m hose with HEPA filter

Membrane vacuum pump	8 liters / min. air, 700 mBar
Pump housing dimensions	170 x 106 x 60 mm
Electrical power	5 Watt
Power supply	230 V / 50 - 60 Hz (optional 115 V)
Weight	0.9 kg

Article number	Article description
981523101	AZ02 Aspiration System with 2 liter bottle
981523001	AZ04 Aspiration System with 4 liter bottle

### Standard Aspiration System



Incl. quick lock connection, 1x 3m hose with HEPA filter

Membrane vacuum pump	25 liters / min. air, 250 mBar
Pump housing dimensions	170 x 220 x 160 mm
Electrical power	60 Watt
Power supply	230 V / 50 - 60 Hz (optional 115 V)
Weight	5.5 kg

Article number	Article description
981423101	AC02 Aspiration System with 2 liter bottle
981423001	AC04 Aspiration System with 4 liter bottle

### Automatic Aspiration System

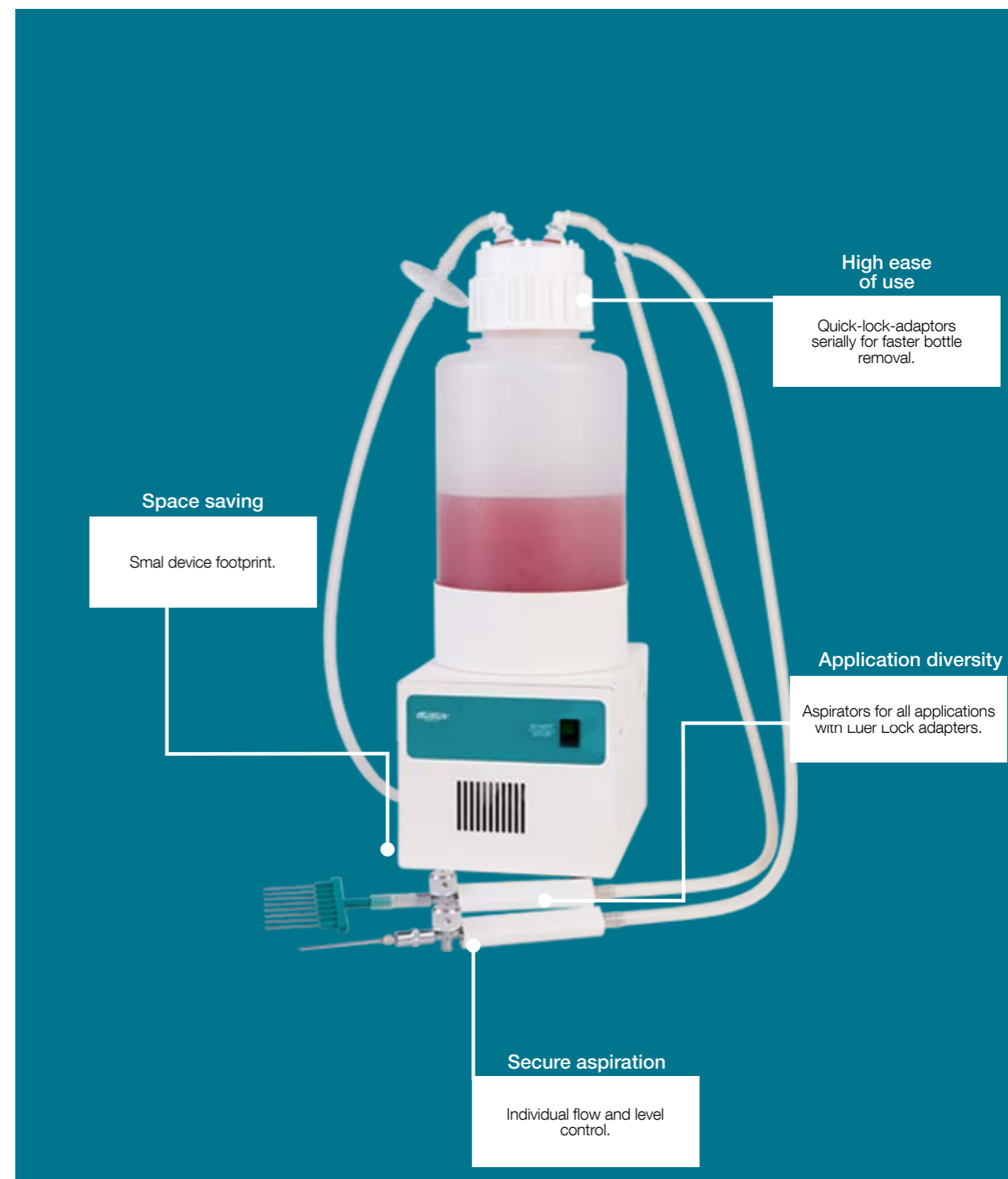


Incl. quick lock connection, 1x 3m hose with HEPA filter and required closures for the bottle, handle with accessories: Luer Lock 90° angle adapter, 1x adapter for a diameter of 6,6 mm hose and 1x adapter for a 6 mm hose, 1 Luer Lock metal connector with hose to connect optional accessories. Type AA 24 is supplied with 1 extra handle (with accessories) and a Y-distributor.

Membrane vacuum pump	17 liters / min. air, 100 mBar
Pump housing dimensions	170 x 220 x 160 mm
Electrical power	100 Watt
Power supply	230 V / 50 - 60 Hz (optional 115 V)
Weight	5.5 kg

Article number	Article description
981323101	AA02 Aspiration System with 2 liter bottle
981323001	AA04 Aspiration System with 4 liter bottle
981323201	AA24 Aspiration System with 4 liter bottle and 2 handles

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## ASPIRATION DEVICES AE & AK AND VACUUM PUMPS

Aspiration devices AE & AK



The AE & AK sets consists of:  
Bottle of 2 or 4 liters incl. quick lock adapters, filters, ventilation insert and 3 meters silicon tube  
The AK set also includes a bottle holder and a handle

Article number	Article description
800015400	AE02 Aspiration device with 2 liter bottle
800015500	AE04 Aspiration device with 4 liter bottle
800014800	AK02 Aspiration device with 2 liter bottle
800014900	AK04 Aspiration device with 4 liter bottle

Membrane vacuum pump



Bottle holder is optional (AP15 & AP30)

Membrane vacuum pump AP15	25 liters / min. air, 250 mBar
Membrane vacuum pump AP30	17 liters/ min. air, 100 mBar
Pump housing dimensions	170 x 220 x 160 mm
Electrical power	AP15, 60 Watt & AP30, 100 Watt
Power supply	230 V / 50 - 60 Hz (optional 115 V)
Weight	5.5 kg

Article number	Article description
800015000	AP15 Membrane vacuum pump
800015100	AP30 Membrane vacuum pump

## COUNTRY SETS, BOTTLES AND OTHER ACCESSORIES

Article number	Article description
980000101	Country Set Europe
980000201	Country Set Switzerland
980000301	Country Set U.K.
100210058	Plastic adapter for Pasteur pipettes and 8-channel
800013700	Adapter with aspiration rake, 8-channel, autoclaveable
800015600	Aspiration rake, 8-channel, as spare part
800013300	Stainless steel suction adapter, length 60 mm
800013500	Stainless steel suction adapter, length 200 mm
800013400	Stainless steel suction adapter, length 150 mm

## HANDLE AND ASPIRATION ADAPTER



Article number	Article description
800013200	Handle with flow control with adapter for pasteur pipettes and Luer-Lock adapter, incl. 90° adapter

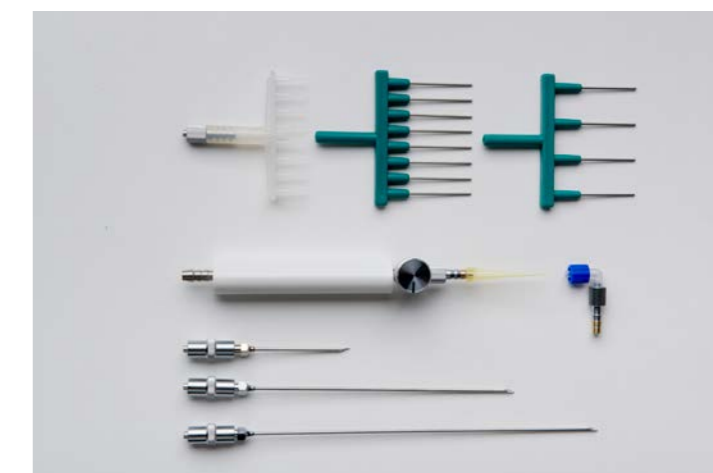
## ACCESSORIES

Article number	Article description
800014600	Spare bottle 2 liters with fast lock in screw cap
800014700	Spare bottle 4 liters with fast lock in screw cap
800010102	Bottle holder for 2 liter bottle
800010202	Bottle holder for 4 liter bottle
800014400	Screw cap for bottle 2 liter with fast lock clutches
800014500	Screw cap for bottle 4 liter with fast lock clutches
100210028	Hose clip for fast lock clutches
800015800	Safety filter (packing unit = 3 pieces)
800015900	Y-distributor for connecting several collection units
800050700	Stainless steel holder for handle
800014000	Foot switch for switching the pump on and off
800015300	AP04 Membrane vacuum pump, 700 mBar*



\* Also available for U.K. and U.S. (115 V)

Article number	Article description
100210057	90° adapter
100210059	8-channel stainless adapter
100210060	4-channel stainless adapter





## OTHER PRODUCT GROUPS:

ASPIRATION SYSTEMS  
AUTOCLAVE & STERILISERS  
CENTRIFUGES  
FLOW CABINETS  
HYPOTHERMIA CABINETS  
INCUBATORS & ACCESSORIES  
CLIMATE CABINETS & CHAMBERS  
REFRIGERATORS & FREEZERS  
MEDIA PREPARATORS  
MONITORING SYSTEMS  
OIL & WATER BATHS  
OSMOMETERS & DAIRY EQUIPMENT  
OVENS  
PLANT GROWTH CABINETS  
STABILITY CABINETS  
LABORATORY GLASSWARE WASHERS  
THERMOMIXERS, THERMOBLOCKS & SHAKERS  
VACUUM CONCENTRATORS  
FREEZE DRYING