

Euro Vac[®]

Surgical Suction Pumps



H-40 H-50



H-90

EuroVac®

1 collection jar

H-40 5320545
H-50 5320555



2 collection jars

H-40 5320546
H-50 5320556

- **Compact design (high-resistance ABS aluminium reinforced chassis)** on four Ø80 mm wheels (one anti-static and two with brakes).
- **Suction Pump.** Long-life piston type, oil free, non-maintenance required.
- **1 or 2 polycarbonate collection jars** (4 litres – scale up to 3500 mL), with safety valve to prevent overflowing and autoclavable at 121 °C. Collection jar support according to EN 19054:2005.
- **Hydrophobic PTFE bacteria filter**, guaranteeing 99% particle retention and 99.99% bacterial challenge efficiency.
- **On/Off Switch.**
- Precise, steady **suction pressure-regulating Knob.**
- **High Vacuum Gauge** (0-100 kPa / 0-760 mmHg) using a high-visibility display (Ø67 mm).
- **3m electric cable housing.**

Optional:

- **Selector knob** for double collection jar exchange (2 settings).
- **On/Off foot-operated pedal.**
- **Polysulfone collection jar** (4 litres – scale up to 3500 mL).



Technical Sheet:

	<i>H-40</i>	<i>H-50</i>
*Maximum pump flow	40 L/min	80 L/min
*Maximum vacuum	85 kPa - 850 mbar - 640 mmHg	90 kPa - 900 mbar - 675 mmHg
Noise level	45±1.5 dB (AS)/1 m	
Power	180 W	250 W
Intensity	0.9 A	1.3 A
Voltage	200 – 240 V _{AC} (50-60 Hz) * 100 – 120 V _{AC} available	
Dimensions	960 x 430 x 340 mm – Packed: 990 x 495 x 380 mm	
Weight	21.7 kg – Packed: 25.3 kg	23.8 kg – Packed: 27.2 kg
Storage temperature	-40 °C to 70 °C -40 °F to 158 °F	
Operating temperature	7 °C to 40 °C	44 °F to 104 °F
Quality requirements	ISO 10079-1:2015	93/42/CEE. Class IIa ISO IEC 60601-1:2006: Class I, Type BF, IPX1

* ±5%, calculated at 230V/60 Hz



H-90 **5320300**

- Monoblock chassis concept design (high-density polyethylene) on four Ø80 mm wheels (one anti-static and two with brakes).
- High flow **Vacuum Pump** (ranges 90 L/min). Double piston-cylinder type, oil free, non-maintenance required.
- **2 polysulfone collection jars** (PSU), (4 litres – scale up to 3500 mL) with safety valve to prevent overfilling and autoclave at 135 °C. Collection jar support according to EN 19054:2005.
- **Selector knob for double collection jar exchange**, 2 settings provided with a filter device for each jar, with additional nipple outputs for direct tubing connection.
- **Hydrophobic bacteria filter**, guaranteeing 99% particle retention and 99.99% bacterial challenge efficiency.
- **On/Off Switch**.
- Precise, steady **suction pressure-regulating Knob**.
- **High Vacuum Gauge** (0-100 kPa / 0-760 mmHg) using a high-visibility display (Ø67mm).
- **On/Off foot-operated pedal** included and additional installation for an extra **optional regulating pressure pedal**.
- **3m electric cable housing**.



Technical Sheet:

<i>*Maximum pump flow</i>	90 L/min	
<i>*Maximum vacuum</i>	90 kPa - 900 mbar - 675 mmHg	
<i>Noise level</i>	50 ± 1.5 dB (AS)/1m	
<i>Power</i>	250 W	
<i>Intensity</i>	1.3 A	
<i>Voltage</i>	200 - 240 V _{AC} (50-60 Hz) * 100 - 120 V _{AC} available	
<i>Dimensions</i>	890 x 580 x 440 mm - Packed: 940 x 630 x 510 mm	
<i>Weight</i>	24 kg - Packed: 27 kg	
<i>Storage temperature</i>	-40 °C to 70 °C -40 °F to 158 °F	
<i>Operating temperature</i>	5 °C to 40 °C 41 °F to 104 °F	
<i>Quality requirements</i>	ISO 10079-1:2015 93/42/CEE. Class IIb ISO IEC 60601-1:2006: Class I, Type BF, IPX1	

* ±5%, calculated at 230V/60 Hz

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Order references:

Accessories



3383007 Probe-cleaner / Waste container PC 14 x 35 cm

0340015 50 mm Silicone suction cup

0340016 60 mm Silicone suction cup

0340017 70 mm Silicone suction cup



4320551 On /Off electric-pneumatic foot pedal kit (included in H-90)



0940023 8 x 13 mm (1 m) PVC tube

0940061 8 x 13 mm (1 m) Silicone tube

0310017 Yankauer cannula + 2 m PVC suction hose (8 x 13 mm)

4320510 Operating collection jar selecting knob, 2 collection jars (H-40 / H-50)



4383004 PC4 collection jar 4 L polycarbonate. Standard for H-40 / H-50

4383014 PSU4 collection jar 4 L polysulfone. Standard for H-90 (optional for H-40 / H-50)

Spare parts



3383004 Lidless PC4 collection jar 4 L polycarbonate

4383010 PC4 collection jar lid 4 L polycarbonate

3383014 Lidless PSU4 collection jar 4 L polysulfone

4383011 PSU4 collection jar lid 4 L polysulfone



3383030 PSU float for PC/PSU collection jars, including sealing quad-rings

3320534 Hydrophobic bacteria filter, nipple-nipple (H-40 / H-50 / H-90)



4330105 Hydrophobic bacteria filter, nipple-conical 15 mm male (only H-90)



3320545 3 m Power cord

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ISO 9001
ISO 13485
ISO 14001

