



# Portable Suction Units



**HERSILL**

Medical Devices



	V7 ac	V7 dc	V7 plus ac	V7 plus dc	V7 plus b	V7 plus b emergency	V7 mx	V7 g
With PC1 suction jar	<b>5320201</b> <b>5321201</b>	<b>5320211</b>	<b>5320241</b> <b>5321241</b>	<b>5320251</b>	<b>5320261</b>	<b>5320281</b>	<b>5320236</b>	<b>5320271</b>
With PC2 suction jar	<b>5320202</b> <b>5321200</b>	<b>5320212</b>	<b>5320242</b> <b>5321240</b>	<b>5320252</b>	<b>5320262</b>	<b>5320282</b>	<b>5320237</b>	<b>5320273</b>
Power supply	220 V <sub>ac</sub> 50Hz 110 V <sub>ac</sub> 60Hz	12 V <sub>dc</sub>	220 V <sub>ac</sub> 50Hz 110 V <sub>ac</sub> 60Hz	12 V <sub>dc</sub>	12 V <sub>dc</sub> Battery	12 V <sub>dc</sub> Battery	100 / 240 V <sub>ac</sub> 12 V <sub>dc</sub> Battery	100 / 240 V <sub>ac</sub> 12 V <sub>dc</sub> Battery
Free air suction flow	20 L/min	14 L/min	30 L/min	30 L/min	30 L/min	30 L/min	30 L/min	5 L/min Continuous / Intermittent
Maximum vacuum	80 kPa 600 mmHg	75 kPa 562 mmHg	84 kPa 630 mmHg	84 kPa 630 mmHg	84 kPa 630 mmHg	84 kPa 630 mmHg	84 kPa 630 mmHg	20 kPa 150 mmHg
Electric power	250 W	18W	120 W	85 W	85 W	85 W	160 W (ac) 84 W (dc)	35 W (ac) 30 W (dc)
Internal battery					12 V – 4.5 Ah Ac-Pb 65 min	12 V – 4.5 Ah Ac-Pb 65 min	12 V – 4.5 Ah Ac-Pb 65 min	12 V – 1.3 Ah Ac-Pb 120 min
AC Internal battery charger							✓	✓
AC/DC External battery charger					Optional	Optional		
10 g tested wall bracket including 12 V power supply						✓		
Cable 12/24 V for ambulance		✓		✓	✓	✓	✓	✓
Bacteria filter	✓	✓	✓	✓	✓	✓	✓	✓
Weight	3 Kg	2.2 Kg	3.5 Kg	2.5 Kg	4.2 Kg	4.2 Kg	4.5 Kg	2.5 Kg
Dimensions			High	Width			Depth	
			250 mm	395 mm with PC1 jar 428 mm with PC2 jar			160 mm	
Space required to host in an ambulance, with 10 g bracket			290 mm	395 mm with PC1 jar 428 mm with PC2 jar			168 mm	
Packing dimensions			290 x 460 x 210 mm					





High quality and high performance portable suction units.

Due to their versatility, they can be used in hospitals, ambulances, home-care therapies and other emergency fields. Suitable for surgery, gynaecology and ORL.

High vacuum suction units: high flow (30 L/min), low flow (14 or 20 L/min) depending on the model

Low vacuum suction unit: **V7g** Continuous-Intermittent (5 L/min). Specifically developed for gastric drainage, wound drainage and therapies that require precise conditions of low vacuum.















- ABS ergonomical case. Rear fixing system for wall bracket tested to resist accelerations and decelerations of 10 g in the longitudinal, transverse and vertical direction (according to European Norm UNE-EN-1789: 2000).
- Piston type suction pump (**V7g**: membrane type suction pump). All models oil-free and maintenance-free.
- Vacuum control knob (**V7g**: intermittence programmer control knob and vacuum control knob).
- Maximum vacuum between 20 and 84 kPa (150 and 630 mmHg) depending on model.
- Vacuum gauge from/to 0-100 kPa / 0-760 mmHg. (**V7g**: vacuum display from/to 0-20 kPa (0-150 mmHg)).
- Flow capacity: 14, 20 or 30 L/min. (**V7g**: 5L/min).
- Noise level:  $49 \pm 1.5$  dB (AS) 1m.
- Water resistant ON/OFF switch with guard.
- Battery (sealed lead acid). Battery level LED lights (all models with battery).
- **V7g**: LED lights: ON, intermittent, vacuum level, vacuum indicator and battery status. Intermittence programmer control knob and vacuum control knob.
- PC1 polycarbonate suction jar (1 L), with overflow safety valve. Sterilizable by autoclave up to 121 °C / 250 °F (See accessories for other configurations).
- Bacteria filter and suction hose included (PVC tubes 8x13 mm). Dimensions: 30 cm to the unit and 2 m to the patient.
- Yankauer cannula.

**V7 plus b**, **V7 plus b emergency** and **V7 mx** are specifically designed for ambulance, transport and emergency field use.



10 g tested wall bracket

## Accessories and spare parts

 <p><b>4320290</b> Basic wall support</p>	 <p><b>4320301</b> 10 g tested wall bracket <b>4320300</b> 10 g tested wall bracket including 12 V power supply (only for <b>V7 plus b</b> emergency)</p>
 <p><b>4320021</b> Mobile trolley <b>3383007</b> Probe cleaner (polycarbonate)</p>	 <p>suction jar <b>4383001</b> PC1 (polycarbonate, 1 L) <b>4383000</b> PSU1 (polysulfone, 1 L) suction jar <b>4383002</b> PC2 (polycarbonate, 1.7 L) <b>4383012</b> PSU2 (polysulfone, 1.7 L)</p>
 <p><b>4320032</b> Cable 12/24 V for ambulance</p>	 <p><b>4320033</b> Battery charger 220-12 V</p>
 <p><b>3320223</b> Transport bag</p>	 <p><b>0320014</b> Transport cover</p>
 <p><b>4340001</b> Metallic straight catheter <b>4340002</b> Metallic curved catheter <b>4340000</b> Metallic catheter handle</p>	 <p><b>0340015</b> Obstetrical cup 50 mm <b>0340016</b> Obstetrical cup 60 mm <b>0340017</b> Obstetrical cup 70 mm</p>
 <p><b>0940023</b> PVC tube 8x13 mm (per meter, roll up to 30 m)</p>	 <p><b>3320534</b> Hydrophobic bacteria filter</p>
 <p><b>0310017</b> Yankauer cannula + 2 m suction tube</p>	 <p>Canister holder compatible with main brands of disposable liners (please consult)</p>



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ISO 10079-1:1999  
EN IEC 60601-1:2006  
EN IEC 60601-1-2:2007  
EN IEC 60601-1-6:2010  
EN 1789:2007+A1:2010

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