



# ASM 310, universal voltage

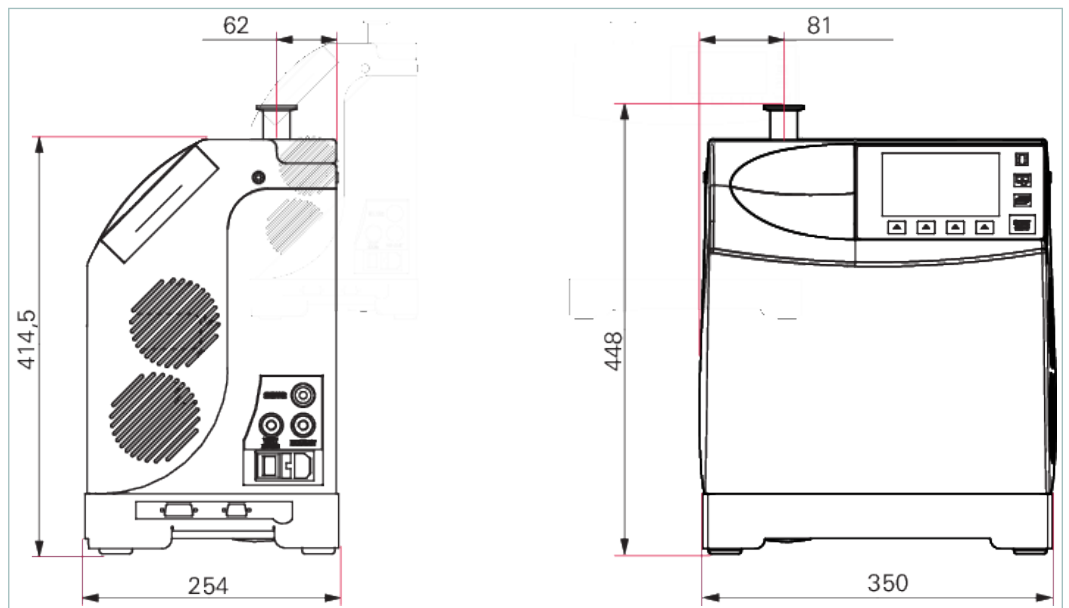


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## ASM 310, universal voltage

- Oil free pumping system, roughing capacity 1.7 m<sup>3</sup>/h
- Ultralight, only 21 kg (46 lbs) and easy to move
- Large bright color touchscreen with graphics functionality
- Intuitive and customizable menu
- Integrated SD memory card for recording and downloading capacities

### Dimensions



Technical Data	ASM 310, universal voltage
Backing pump	with oil free backing pump
Backing pump capacity	1.7 m <sup>3</sup> /h
Detectable gases	<sup>4</sup> He, <sup>3</sup> He, H <sub>2</sub>
Dimensions (L x W x H)	350 x 254 x 415 mm
Flange (in)	DN 25 ISO-KF
I/O interfaces	Digital, Analog (mantissa, exponent)
Interface	RS-232
Max. inlet test pressure	15 hPa
Minimum detectable leak rate for helium (sniffing leak detection)	1 · 10 <sup>-8</sup> Pa m <sup>3</sup> /s
Minimum detectable leak rate for helium (vacuum leak detection)	5 · 10 <sup>-13</sup> Pa m <sup>3</sup> /s
Noise level	< 45 dB(A)
Operating temperature	10-40 °C
Pumping speed for He	1.1 l/s
Response time (Sniffing leak detection)	< 1 s
Start-up time (20°C) with calibration	< 3.5 min
Start-up time (20°C) without calibration	< 2 min
Supply	90-240 V, 50/60 Hz
Test method	Vacuum and sniffing leak detection
Type	Mobile
User interface	Graphic color touch screen (detachable)
Weight	21 kg   46.3 lb

Order number	
ASM 310	BSAA0000MM9A

Accessories	
<b>Connection cable for remote control</b>	
Connection cable for remote control, 10 meters	110881
Connection cable for remote control, 15 meters	101882
<b>Country-specific power cables</b>	
Power cable, 2.5 m, Switzerland	103718
Power cable, 2.5 m, UK	104411
Power cable, 2 m, Italy	104758
<b>Helium spray gun</b>	
Helium spray gun, standard	112535
Helium spray gun "Elite-Kit", spray gun with additional accessories in a compact case	109951
<b>Sniffer probe</b>	
Sniffer probe, 10 m hose length, rigid 9 cm nozzle	SNC2E1T1
Sniffer probe, 5 m hose length, rigid 9 cm nozzle	SNC1E1T1
<b>Standard remote control</b>	
Remote control, leak rate in mbar l/s, legend in English	106688
Remote control, leak rate in Pa m <sup>3</sup> /s, legend in English	108880
Remote control, leak rate in Pa m <sup>3</sup> /s, legend in Japanese	106690
Remote control, leak rate in Torr l/s, legend in English	108881
Remote Control RC 500 WL for helium leak detector, wireless	PT 445 432 -T
<b>Transportation accessories</b>	
Transportation case to safeguard the ASM 310 against shipping damage	119594
Trolley for ASM 310 with two wheels	114820

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All data subject to change without prior notice.

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