



# ASM 310, universal voltage

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# ASM 310

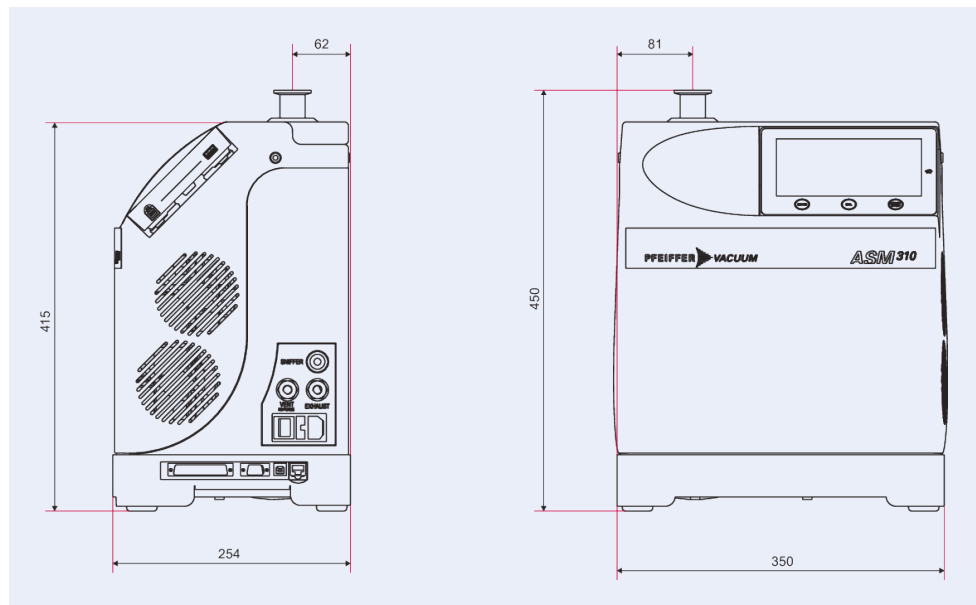
PFEIFFER VACUUM



## 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
- Recording capacities with data export through dedicated USB port

## Dimensions



Technical Data	ASM 310, universal voltage
Pumping speed backing pump	1.7 m³/h
Pumping speed for He	1.1 l/s
Test method	Vacuum leak detection   Sniffing leak detection
I/O interfaces	RS-232
Interface: Connection, device side	Standard 15 pins I/O
Minimum detectable leakage rate for helium (vacuum leak detection)	$1 \cdot 10^{-13}$ Pa m³/s
User interface	Graphic color touch screen (detachable)
Response time (Sniffing leak detection)	< 1 s
Backing pump capacity	1.7 m³/h
Operating temperature	10 – 40 °C
Input voltage(s)	90 – 240 V AC, 50/60 Hz
Emission sound pressure level (EN ISO 2151)	<45 dB(A)
Start-up time (20°C) with calibration	3.5 min
Start-up time (20°C) without calibration	2 min
Pumping speed for He	1.1 l/s
Minimum detectable leakage rate for helium (sniffing leak detection)	$1 \cdot 10^{-8}$ Pa m³/s   $1.33 \cdot 10^{-6}$ Torr l/s   $1 \cdot 10^{-6}$ mbar l/s
Weight	21 kg   46.3 lb
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
Power consumption max.	300 W
Backing pump	With oil-free backing pump
Weight	21 kg
Connection flange (in)	DN 25 ISO-KF

Order number	ASM 310, universal voltage
ASM 310, universal voltage	BSAA0200MM9A

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