



HiCube 300 Eco, DN 100 ISO-K, MVP 030-3

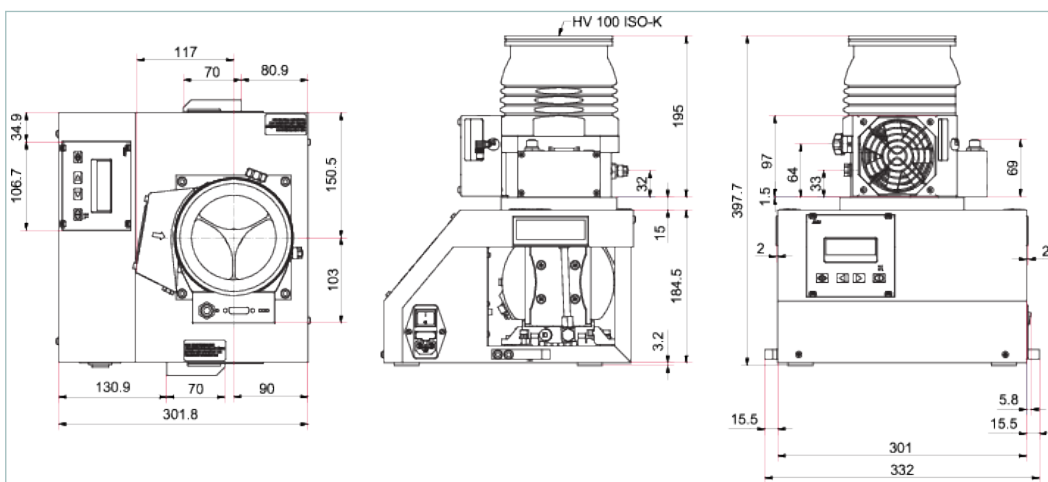


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HiCube 300 Eco, DN 100 ISO-K, MVP 030-3

- Compact high performance pumping station for all high and ultrahigh vacuum applications
- Plug and play solution with HiPace 300 turbopump and multistage diaphragm pump MVP 030-3
- Intermittent mode adapts the pumping station to the process conditions and saves up to 90% energy
- Easy integration of pressure gauges from the accessories

Dimensions



Technical Data	HiCube 300 Eco, DN 100 ISO-K, MVP 030-3
Backing pump	MVP 030-3
Connection flange (in)	DN 100 ISO-K
Connection flange (out)	Silencer, G 1/8"
Cooling method	Air
Final pressure	$< 1 \cdot 10^{-7}$ hPa $< 7.5 \cdot 10^{-8}$ Torr $< 1 \cdot 10^{-7}$ mbar
Final pressure without gas ballast	$< 1 \cdot 10^{-7}$ hPa $< 7.5 \cdot 10^{-8}$ Torr $< 1 \cdot 10^{-7}$ mbar
Fore-vacuum safety valve	No
Mains connection	110 – 240 V AC, 50/60 Hz
Mains connection: frequency (range)	50/60 Hz
Mains connection: power consumption	270 W
Mains connection: voltage	100 – 240 V
Power consumption max.	270 W
Pumping speed backing pump at 50 Hz	1.8 m ³ /h 1.06 cfm 30 l/min
Pumping speed for N ₂	260 l/s
Sound pressure level	≤50 dB(A)
Turbopump	HiPace 300
Type	Turbo pumping station
Weight	17.5 kg 38.58 lb

Order number

HiCube 300 Eco

PM S76 200 00

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