

Data Sheet (EN)

Designation, Model:	Order number:
Welch piston vacuum pump	U2511C-02

Figure:	Description:
	The 2511 oil free piston pump is a powerful, portable and economical vacuum pump. This model uses a 230V motor 50Hz motor for vacuum or pressure filtration. Supplied with UK and EU mains cables. This vacuum pump simplifies your sampling and preparative procedure. The product is specifically designed for ease of use filtration applications. It ensures quiet and maintenance-free operation.

Application:
The Diaphragm pump 2511C-02 is intended for: • Pumping and compressing neutral and aqueous gases and vapours according to the resistance of the indicated materials. • Generating a vacuum down to an ultimate pressure < 292 mbar and 9.2l/min flow. • Pressure filtration up to 3.3bar. • Commonly used in physical and chemical laboratories in trade and industry. • Use for water filtering, sampling, aspiration, degassing or desiccation.

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Translation of the german original



Technical Data:		
Parameter	Data	Unit
Pumping speed	0.55	m³/h
	9.2	l / min
Ultimate pressure	292	mbar
Ambient temperature	+ 10 to + 40	°C
Max. Media temperature	≤ + 60	
Rated voltage	230	VAC
Rated frequency	50	Hz
Rated power	25	W
Noise level (Din EN ISO 2151)	≤45	dB(A)
Weight	2.0	kg
Dimensions W/D/H	194 / 114 / 191	mm

Connections:		
Intake port Pump „IN“	Hose nozzle 6mm for hose inside diameter 6 mm	-
Pressure port Pump „EX“	Hose nozzle 6mm for hose inside diameter 6 mm	-

Accessories:			
	Inline Filter Kit (DN 6 + DN 8) 2 Silicon hoses & Filter hydrophobic Order no. 404008		Silicon hose Inside Diameter = 6 mm x Wall thickness = 3 mm Order no. 828374
	PVC-Fabric hose 6 x 3 mm For compressor- and vacuum ap- plications as exhaust air- and suction line. Order no. 828348		Hose clamp For fixing and sealing of PVC-Fabric hose. Order no. 305320

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