



HLT 570, 230 V, 50 Hz

Rugged, dependable helium leak detector, absolutely oil-free



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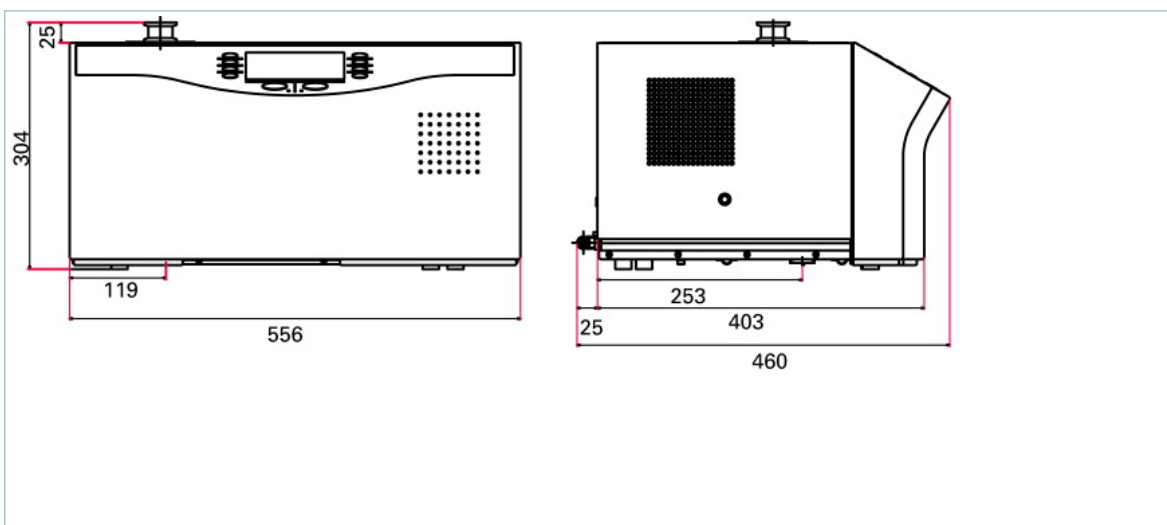
HLT 570



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- ▶ Rugged, dependable helium leak detector, absolutely oil-free
- ▶ For a mains voltage of 230 V, 50 Hz
- ▶ With 2 m³/h diaphragm pump
- ▶ Very easy operation to achieve precise measuring results
- ▶ Wireless remote control optional, distance up to 100 m as well as data logging to USB stick
- ▶ Durable and industry-tested mass spectrometer

Dimensions



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Technical Data	HLT 570, 230 V, 50 Hz
Ambient temperature	10-35 °C
Cold start to ready	3 min
Detectable gases	⁴ He, ³ He, H ₂
Flange (in)	DN 25 ISO-KF
Inlet pressure max.	25 mbar
Input: Analog	ActiveLine vacuum transmitter
Input: Digital	Start/Stop, Vent, Cero, Calibration, Bypass detection
Interface	RS-232-C, RS-485
Leak rate display	10 ⁻¹² - 1 mbar l/s
Output: Analog	Leakage rate signal 2 x 0-10 V, lin/log
Output: Digital	Ready to start, Ready to measure, Leak, Error, Bypass valve, Calibration acknowledge
Power consumption	300 VA
Pumping speed for He	2.5 l/s
Pumping time to ready: 100 l test volume	1300 s
Pumping time to ready: 10 l test volume	125 s
Relay: Switching capacity	2 x 230 V AC
Relay: Switching current	3 A
Response time	0.5 s
Roughing pump	Diaphragm pump 2 m ³ /h
Smallest detectable leak rate for ⁴ He (according AVS 2.1)	< 5·10 ⁻¹² mbar l/s
Sniffer probe, detectable leak rate	< 5·10 ⁻⁸ mbar l/s
Supply	230 V, 50 Hz
Test method	Vacuum and sniffing leak detection
Weight	44 kg
Order number	PTL02110

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Accessories	HLT 570, 230 V, 50 Hz
	PM043687
	PT445400
	PT445411-T
Bypass option, with mains cable and German plug	PT445410-T
Cart with power connection, 230 V AC	PT445415
Centering ring, with poral filter, FPM/stainless steel, DN 25 ISO-KF	PF117225-T
CL 002 A, Sniffer test leak, gas mixture He : H ₂ = 95 % : 5 % leak rate approx. 10 ⁻⁶ mbar l/s	BG449025A
CL 004, Sniffer test leak, He leak rate approx. 10 ⁻⁴ mbar l/s, He	BG447704-T
CL 004, Sniffer test leak, He leak rate approx 10 ⁻⁵ mbar l/s, He	BG447705-T
CL 004, Sniffer test leak, He leak rate approx 10 ⁻⁶ mbar l/s, He	BG447706-T
Connection cable, plug M12, RJ 45, 3 m	PM051726-T
Connection cable for remote control unit, 4 m	PT445401
CT 406, He test leak, leak rate approx. 10 ⁻⁶ mbar l/s, DN 10 ISO-KF	PT445406
CT 408, He test leak, leak rate approx. 10 ⁻⁸ mbar l/s, DN 10 ISO-KF	B8116557
CT 446, He test leak, leak rate adjustable from 10 ⁻⁶ - 10 ⁻⁴ mbar l/s, DN 10 ISO-KF	B8115580
Extension cable for remote control unit, 8 m	PT445402
Helium pistol	BG512125-T
LP 503, sniffer probe with standard tip, 3 m	BG449207-T
LP 505, sniffer probe with standard tip, 5 m	BG449208-T
LP 510, sniffer probe with standard tip, 10 m	BG449209-T
Screw-in flange, DN 25 ISO-KF, for connection of an external additional backing pump	PT445417-T
Software for SmartTest helium leak detector	PT882610-AT
USB converter to RS-485 interface	PM061207-T