

General technical data**SmartTest****HLT 550 – 57**

Smallest detectable leak rate for He (Vacuum leak detection)	< 5·10 ⁻¹² mbar l/s
Smallest detectable leak rate for He (Sniffer leak detection)	< 5·10 ⁻⁸ mbar l/s
Test method	Vacuum and sniffing leak detection
Detectable gases	⁴ He, ³ He, H ₂
Internal He-Test leak	10 ⁻⁷ mbar l/s
Leak rate display	10 ⁻¹² – 1 mbar l/s
Cold start to ready	3 min
Response time	0.5 s
Pumping speed: for He	2,5 l/s
Flange (in)	DN 25 ISO-KF
Inlet pressure max.	25 mbar
Ambient temperature	+10 bis +35 °C
Interface	RS-232-C, RS-485
Analog – Output	Leak rate signal 2 x 0–10 V, lin/log
Digital – Output	Ready to start, Ready to measure, Leak, Error, Bypass valve, Calibration acknowledge
Relay – Output	2 x 230 VAC/3 A

Technical data

	HLT 550*	HLT 560	HLT 570	HLT 565 with cart	HLT 572 with cart	HLT 575 with cart
Backing pump	without	Rotary vane pump (integrated)	Diaphragm pump (integrated)	Rotary vane pump UNO 30 M (external)	Dry pump XtraDry™ (external)	Dry pump (external)
		5 m ³ /h	2 m ³ /h	30 m ³ /h	7.5 m ³ /h	28 m ³ /h
Power consumption	150 VA	400 VA	300 VA	900 VA/50 Hz, 1,050 VA/60 Hz	700 VA	900 VA
Weight	34 kg	44 kg	44 kg	133 kg	119 kg	140 kg

* A backing pump is required for operation

Order numbers – SmartTest

	HLT 550*	HLT 560	HLT 570	HLT 565 with cart	HLT 572 with cart	HLT 575 with cart
230 V, 50 Hz	PT L02 120	PT L02 100	PT L02 110	PT L02 150	PT L02 160	PT L02 165
120 V, 60 Hz	PT L02 120	PT L02 101	PT L02 111	PT L02 151	PT L02 161	PT L02 166
100 V, 50/60 Hz	PT L02 120	PT L02 102	PT L02 112	PT L02 151	PT L02 162	PT L02 166

* A backing pump is required for operation