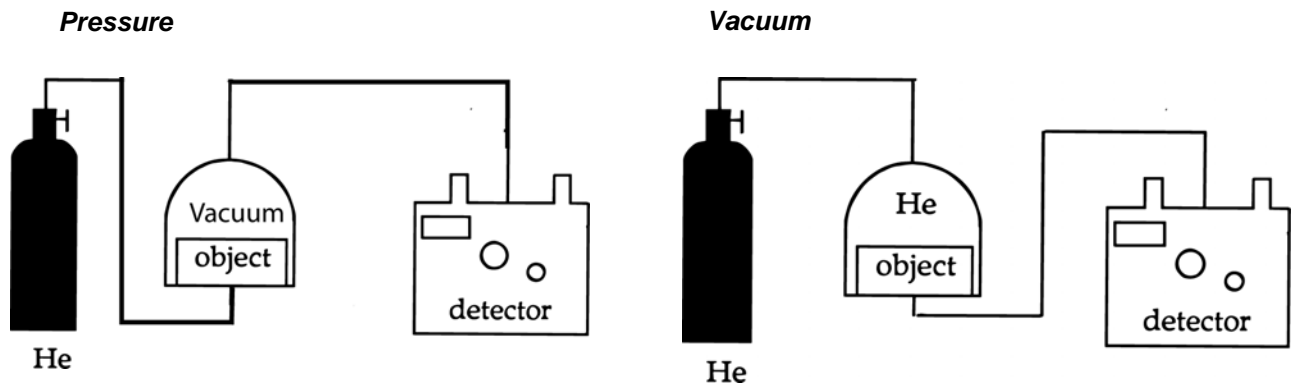


Test-equipment **Helium Leak Detector**
 Manufacturer **Pfeifer Vacuum GmbH**
 Type **QualyTest™ HTL260**
 Purpose **Leakage detection with Helium**
 Measure unit **mbar · l / s**
 Measurable quantity min **5×10^{-12}** acc. AVS 2.1
 max **1**
 Medium **^3He , 4.6**
 Monitoring¹ /Calibration **Externally/built-in**
 Documentation/Protocol **connection to computer possible**
 Main method used for **detection by sniffing**



Methods		fix	Parameter	
			standard	optional
Pressure (state in object)	Temperature (C°)		23	- 40 to + 180
	Pressure (bar)		10	1- 30
	Environment		vacuum : 10^{-5} mbar	
	Humidity		Ambient air	0 – 90%
	Medium		^3He , 4.6	H_2
	suitable for		Tube unions and valves Brass, Stainless steel , carbon-steel	

Method		fix	Parameter	
			standard	optional
Vacuum (state in object)	Temperature (C°)		23	
	Pressure (bar)	10^{-5} mbar	10^{-5} mbar	
	Environment		^3He (80%)/ambient air	
	Medium		^3He , 4.6	H_2
	size of vessel		\varnothing 100mm /L =250	\varnothing 200mm /L =350
	suitable for		Tube unions and valves Brass, Stainless steel , carbon-steel	



¹ According to internal QA – Documentation XDB-AA200-003