

Test	Measuring instrument	Detection limit/Measuring range
Helium leak test	Pfeiffer Vakuum HLT570	< 1x 10 ⁻¹⁰ mbar*l/s
Pressure test	WIKA Hand Held	- 1 to 300 bar
Particle measurement in gas	PMS Lasair II aero trak 9110	0.1 - 5 µm
Particle measurement in purified water and chemicals	HSLIS-M50 HSLIS-M65 lighthouse nanocount 50	0.05 - 0.2 µm 0.065 - 0.2 µm 0.05 - 0.2 µm/Zero count rate < 20 P/L
Moisture measurement in gas	Tiger Optics Halo+	1 ppb - 20 ppm
Atmospheric oxygen measurement	GOX 100	0 - 100 %
Residual oxygen measurement in gas	Servomex Nano Trace DF550	1 ppb - 10 ppm
Exhaust air volume measurement	Testo 435	Flow speed up to 40 m/s
Light intensity measurement	Testo 540	0 - 99999 lux
Noise level measurement	Testo 815	32 - 130 db
Residual oil measurement in compressed air systems	Metpoint OCV compact	0 - 2.5 mg/m ³
TOC measurement in purified water	Anatel A1000 XP Mettler Toledo 450TOC	0.02 - 1999 ppb 0.05 - 1000 ppb
Conductivity measurement in purified water		15.0 - 18.2 Mohm/cm @25 °C
Ferrite content measurement in austenitic and duplex steels	Fischer Feritscope FMP30	0.15 - 80% ferrite content
Endoscopy with images and video recordings	Vizaar Typ VUMAN RA-Y	From DN15, probe length 8 m
Analysis of anions, cations and bacteria count in purified water and chemicals	Sampling by qualified specialist personnel	Analysis in external laboratory

Our test personnel for pressure and helium leak tests is certified to DIN EN ISO 9712 LT Level 2