



Maintenance Procedure - VN2020 / VN2020 EX

Steps	Description	Interval (whichever occurs first)					Required parts/tools
		4,000	8,000	12,000	16,000	See Section	
	Hours						
	Or months	6	12	18	24		
1.	Check negative pressure in the measuring head: → below 55 mmH ₂ O (5.5mbar) → Adjust negative pressure → Between 55 mmH ₂ O and 65 mmH ₂ O → OK → Between 65 mmH ₂ O and 85 mmH ₂ O → Adjust negative pressure → Above 85 mmH ₂ O → Check the pressure at the filter control valve	X	X	X	X	7.10.1	270532 U-tube manometer Or 151800 Digital manometer
2.	Clean the light path in the measuring head	X	X	X	X	9.1.3	151482 Cleaning kit
3.	Function test with smoke tube	X	X	X	X	9.1.4	151780 Smoke Test Box
4.	Replace filter in filter control valve	X	X	X	X	9.1.5	155006 Maintenance kit for the VN2020
5.	Replacing the inspection cover seal	X	X	X	X	9.1.3	155006 Maintenance kit for the VN2020
6.	Replace connection box seal		X		X	9.1.6	155006 Maintenance kit for the VN2020
7.	Clean the suction system with compressed air		X		X		Compressed air max. 6 bar
8.	Replacing the mounting plate seal		X		X	10.1.6	155006 Maintenance kit for the VN2020
9.	Check the bellows and spring systems between the base plate and the measuring head for damage		X		X	*	May need a torch
10.	Complete overhaul of the oil mist detection system				S	10.2	155004 Service kit for the VN2020

Key to maintenance measures:

X – Work that must be completed

S – Only by authorised and certified Schaller Service.

* If the bellows are damaged, please contact Schaller Service immediately.

Table 3: Maintenance cycles