

GAS SAMPLE PROBE VERSION	ASP30X	ASP40X	ASP50X
Integrated filter length	150mm	180mm	150mm
Integrated back-flush/calibration	optional	optional	optional
Protective cover	Yes	Yes	Yes
Electrical Terminal Box	IP55 EN60529	IP55 EN60529	IP55 EN60529
Gas-wetted materials	Stainless Steel 316 – Ceramics	Stainless Steel 316 – Ceramics	Stainless Steel 316 – Ceramics
Sealing materials	FPM/ Viton® for 180°C and Kalrez®/Graphite for 320°C	FPM/ Viton® for 180°C and Kalrez®/Graphite for 320°C	FPM/ Viton® for 180°C and Kalrez®/Graphite for 320°C
In situ probetube/Probe prefilter	Optional 200 or 500mm SS 2µm or 20µm	Optional 200 or 500mm SS 2µm or 20µm	Optional 200 or 500mm SS 2µm or 20µm
Max. dust loading	1g/m ³ (with back purge: 10g/m ³)	1g/m ³ (with back purge: 10g/m ³)	1g/m ³ (with back purge: 10g/m ³)
Max sample temperature	180°C	180°C	180°C
Time before ready-for-use	Approx. 20 min	Approx. 20 min	Approx. 20 min
Sample pressure max.	0.5-6bars abs.	0.5-6bars abs.	0.5-6bars abs.
Ambient temperature	-20°C to +65°C	-20°C to +65°C	-20°C to +65°C
Filter chamber volume	300cm ³	300cm ³	760cm ³
Filter element porosity and material	Ceramic 2µm	stainless steel 316 5µm	stainless steel 316 5µm
Thermostatic control	Standard 0-180°C with Pt 100; Option 0-320°C with thermo-couple	Standard 0-180°C with Pt 100; Option 0-320°C with thermo-couple	Standard 0-180°C with Pt 100; Option 0-320°C with thermo-couple
Electronic controller	Digital programmable PID controller with optional RS485 ModBus	Digital programmable PID controller with optional RS485 ModBus	Digital programmable PID controller with optional RS485 ModBus
Temperature alarm contact Factory set at alarm point: ΔT 20°C	Free programmable contact rated at 250V 3A	Free programmable contact rated at 250V 3A	Free programmable contact rated at 250V 3A
Sample gas outlet	¼" f NPT	¼" f NPT	¼" f NPT
Test gas connection (option)	¼" f NPT	¼" f NPT	¼" f NPT
Blowback connection (option)	¼" f NPT	¼" f NPT	¼" f NPT
Mounting flange	DN65 PN6B SS316 other connections optional or on request	DN65 PN6B SS316 other connections optional or on request	DN65 PN6B SS316 other connections optional or on request
Sample gas inlet	G ¾" f	G ¾" f	G ¾" f
Power supply at 180°C	230VAC/800W (standard) OR 115VAC/800W	230VAC/800W (standard) OR 115VAC/800W	230VAC/1500W (standard) OR 115VAC/1500W
Power supply at 320°C	230VAC/1200W (standard) OR 115VAC/1200W	230VAC/1200W (standard) OR 115VAC/1200W	230VAC/1500W (standard) OR 115VAC/1500W
Electrical connection	Terminals max. 4mm ² 2x PG13.5 cable gland		
Electrical equipment standard	EN 61010 EN 60519-1	EN 61010 EN 60519-1	EN 61010 EN 60519-1
Mounting Flanges	DN65 PN6B SS316 other connections optional or on request	DN65 PN6B SS316 other connections optional or on request	DN65 PN6B SS316 other connections optional or on request
Dimensions	Approx. 430 x 264 x 436mm (w x h x d)	Approx. 430 x 264 x 436mm (w x h x d)	Approx. 430 x 264 x 636mm (w x h x d)
Weight	Approx. 16 kg	Approx. 17 kg	Approx. 24 kg