Environmental Monitoring Systems

COMDE DERENDA

SPM Sampling and Monitoring



Sampling Inlets and Accessories

for SPM Samplers,
Sequential Sampling Systems,
and Real-Time Monitoring Systems

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Sampling Inlets

Figure	Item and Application	Type	Ord. No.	Standards
	**Impactor inlet for Air Pollution Monitors APM-1 / APM-2 / APM-6**	IAN – 10	D100102	Equivalent to EN 12341: 2014-08
	**Filter cartridge holder for samplers LVS 3.1 (2.3 m³/h) MVS 6.1**	SH 10 – 47F (PM_{10}) SH 2.5 – 47F ($PM_{2.5}$) SH 1 – 47F (PM_1)	D100863	EN12341: 2014-08 (EN12341: 1999-03) (EN14907: 2005-11)
	**Sampling inlet 2.3 m³/h for sampling systems PNS DM-3.1 / PNS DM-6.1 PNS T-DM-3.1 / PNS T-DM-6.1 AGOS ($PM_{2.5}$)**	SH 10 – 47 (PM_{10}) SH 2.5 – 47 ($PM_{2.5}$) SH 1 – 47 (PM_1)	D100868 D100870 D100871	EN12341: 2014-08 (EN12341: 1999-03) (EN14907: 2005-11)
	**Sampling inlet 1 m³/h for sampling systems** with tube connection Ø 16 mm	SH 10 – 16 (PM_{10}) SH 2.5 – 16 ($PM_{2.5}$)	D100965 D100966	Equivalent to EN 12341: 2014-08 calculated for 1m³/h
	**Impactor unit for sampling inlets (2.3 m³/h) SH 10–47 SH 2.5–47 SH 1–47**	WIP – 10 (PM_{10}) WIP – 2.5 ($PM_{2.5}$) WIP – 1 (PM_1)	D100877 D100878 D100880	EN12341: 2014-08 (EN12341: 1999-03) (EN14907: 2005-11)
	**Combination of sampling inlet and PU foam inlet** for simultaneous monitoring of SPM and volatile organic compounds (VOC), PM_{xx}-inlet not included, **for samplers and sampling systems LVS/MVS/PNS**	SH 10 – XX PU	D100009	VDI 4301 4300 3498

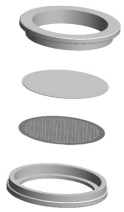
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	**Polyurethane foam sampling inlet** for monitoring dioxins, furans, PCB, and other volatile organic compounds, in connection with samplers **LVS 3.1 / MVS 6.1**	SHT – PUG	D100008	VDI 4301 4300 3498
	**Total suspended particles (TSP) inlet for samplers LVS 3.1 MVS 6.1**	SPM – 47F	D100928	VDI 3875 2463 3492
	**Total suspended particles (TSP) inlet for sampling systems PNS DM-3.1 / PNS DM-6.1 PNS T-DM-3.1 / PNS T-DM-6.1**	SPM – 47	D100964	VDI 3875 2463 3492
	**Inlet with holder for disposable, sterilized polycarbonate filters** for microbiological analysis of particles in connection with samplers **LVS 3.1 / MVS 6.1**	ML– 80	D100010	VDI 4252

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Accessories

Figure	Item and Application	Type	Ord. No.
	**Calibration adapter** connects directly to the intake tube of samplers or sampling systems and allows easy connection of a flexible tube for e.g. rotameters or gas meters	CA	D100930
	**Filter cartridge** for filters Ø 47 mm	FC– 47	D110166
	**Filter catridge with RFID** for filters Ø 47 mm	FC– 47	D110220
	**Cartridge opener for filter cartridges** Type FC– 47	CO	D100929
	**Filter magazines DM for 18 or 24 filter cartridges** for double magazine sampling systems and filters Ø 47 mm	DM– 18	D101410
	**Cover cap DM** for filter magazines DM	CDM	D101411

This information corresponds to the current state of knowledge. Comde-Derenda GmbH reserves the right to discontinue or change specifications. Liability for consequential damage resulting from the use of Comde-Derenda products is excluded.

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