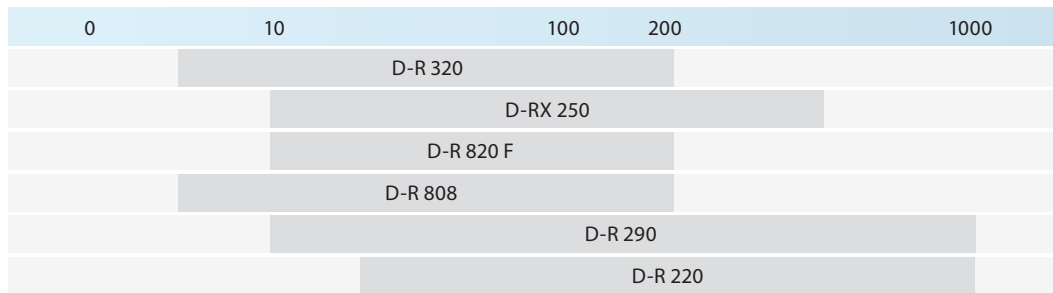


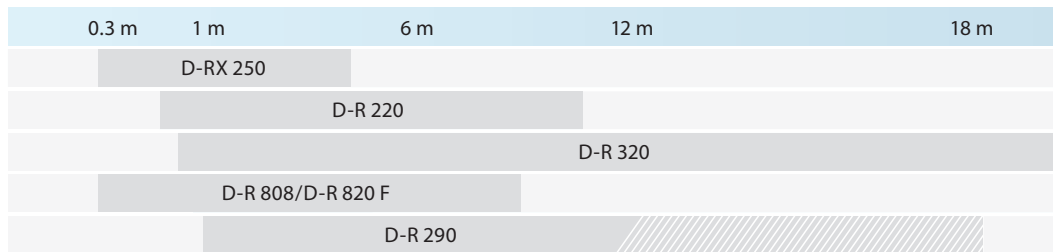
6 | Comparison of Dust Monitors

Measurement	Dust/opacity		Dust	Dust		Dust
	D-R 220	D-R 290	D-R 320	D-R 808	D-R 820 F	D-RX 250
Measurement principle	Transmission		Backward scattering	Forward scattering		Triboelectric
DURAG GROUP device	D-R 220	D-R 290	D-R 320	D-R 808	D-R 820 F	D-RX 250
QAL1/DIN EN 15267-3		•	•	•	•	
US EPA		•	•	•		
In situ	•	•	•	•	•	•
Extractive					•	
Automatic zero and reference point check	•	•	•	•	•	•
Automatic contamination correction		•	•	•	•	N/A
Calibratable to	mg/m ³	mg/m ³	mg/m ³	mg/m ³	mg/m ³	mg/m ³
Measurement range	0 ... 0.2 to 0 ... 1.6 Ext	0 ... 0.1 to 0 ... 2 Ext	0 ... 5 to 0 ... 200 mg/m ³	0 ... 5 to 0 ... 200 mg/m ³	0 ... 15 to 0 ... 200 mg/m ³	0 ... 10 to 0 ... 500 mg/m ³
Detection limit at duct Ø 1 m	20 mg/m ³	10 mg/m ³	0,07 mg/m ³	0,03 mg/m ³	0.2 mg/m ³	
Detection limit at duct Ø 5 m	8 mg/m ³	2 mg/m ³	0.07 mg/m ³	0.03 mg/m ³	0.2 mg/m ³	

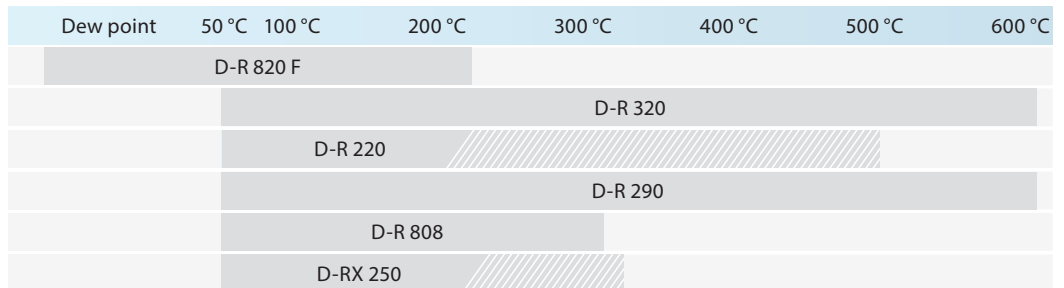
Measurement range mg/m³



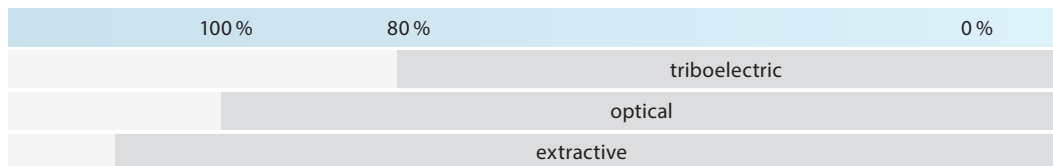
Duct diameter



Flue gas temperature



Relative humidity



//// option