

## DUST MONITORING READY REFERENCE SELECTION TOOL

INSTRUMENT	Particulate Monitor (continuous)	Particulate Samplers (Gravimetric Filter Based)	MEASUREMENT TECHNIQUE			Integrated Weatherproof Enclosure	Single Channel Measurement	Simultaneous Multi-Channel Measurement	Size Selective Inlet	PARTICULATE MATTER SIZE					
			Beta Attenuation (BAM)	Light Scatter	Filter-Based Multiple Wavelength Optical Absorption					PM1	PM2.5	PM4	PM10	PM Course (PM10-2.5)	Total Suspended Particulate (TSP)
Spirant BAM / BAM 1020	✓		✓				✓		✓		✓	✓	✓	✓	✓
Exactus BAM / E-BAM PLUS	✓		✓			✓	✓		✓		✓	✓			✓
BAM 1022	✓		✓			✓	✓		✓		✓	✓			✓
E-BAM	✓		✓			✓	✓		✓		✓	✓			✓
Protinus 1000 / E-Sampler	✓	✓		✓		✓	✓		✓	✓	✓		✓		✓
Neighbourhood Monitor	✓			✓		✓	✓		✓	✓	✓		✓		✓
Certa 1000 / Fidas 200	✓	✓		✓				✓		✓	✓	✓	✓	✓	✓
Fidas 200E	✓	✓		✓				✓		✓	✓	✓	✓	✓	✓
Certa 1100 / Fidas 200S	✓	✓		✓		✓		✓		✓	✓	✓	✓	✓	✓
Aurora 2000 Nephelometer	✓			✓			✓		✓		✓				
BC1050 2-Wavelength Black Carbon Monitor	✓				✓			✓	✓	✓	✓		✓		✓
BC1054 10-Wavelength Black Carbon Monitor	✓				✓			✓	✓	✓	✓		✓		✓
HiVol 3000 High Volume Air Sampler		✓				✓	✓		✓		✓	✓			✓
MicroVol 1100 Low Volume Air Sampler		✓				✓	✓		✓		✓	✓			✓
eFRM Single Event		✓				✓	✓		✓		✓	✓	✓		✓

Orange coloured cells indicate AS / EN / US EPA compliance