
Linear dynamic range	0–10 000 ppb (0–10 ppm) for NO ₂ ; 0–2000 ppb (0–2 ppm) for NO
Measurement frequency	0.2 Hz (once every 5 s)
Resolution	0.1 ppb
Accuracy	Greater of 2 ppb or 2 % of reading
Precision (1 σ rms noise)	<0.5 ppb (with conditional averaging filter), <3 ppb (no conditional averaging filter)
Limit of detection (2 σ)	<1 ppb (with conditional averaging filter)
Response time	10 s single mode (NO ₂ or NO measured) 15 s dual mode (both NO ₂ and NO measured) 20 s (with conditional averaging filter)
Flow rate (nominal)	1.5 L min ⁻¹
Operating temperature	10 to 50 °C (FEM approved for 20–30 °C for NO ₂)
Power requirement	11–14 V dc or 120/240 V ac, 1.3 A at 12 V, 16 watt
Size	Rackmount: 17" w × 14.5" d × 5.5" h (43 × 37 × 14 cm)
Weight	18.6 lb (8.4 kg)
