

### 3 Technical data

Description	Value
Instrument height	1405 mm; 55.3"
Instrument width	815 mm; 32.1"
Instrument depth	1360 mm; 53.5"
Instrument weight	approx. 375 kg; approx. 826 lbs.
Power supply	198 - 253 VAC, 50/60 Hz
Power during measurement	1.0 kVA
Power during stand-by	0.4 kVA
Supply voltage fuse	10 to 16 A (B)
Operating range (permissible ambient temperature)	15°C to 30°C; 59°F to 86°F
Recommended temperature range to achieve the specified performance	18 to 30°C; 64 to 86°F
Place of installation	Inside of dry, dust-free rooms up to an altitude of 2000 m above sea level, vibration-free (not subject to impact or vibration load conditions)
Air humidity range	20 to 80%, not condensing
Sound pressure level	55 dB(A)
Argon inlet pressure on the instrument	4.8 to 5.0 bar (69.6 to 72.5 psi)
Argon quality (min.)	4.8 (99.998% Ar) with O <sub>2</sub> <3ppm, N <sub>2</sub> <10ppm, H <sub>2</sub> O<5ppm, kV<1ppm Argon of higher purity or gas pre-purification is required for a nitrogen/oxygen analysis.
Argon flow rates	Spark stand flushing <ul style="list-style-type: none"> <li>• Stand-by (low flow)      7 l/h</li> <li>• Constant flow              17 l/h</li> <li>• Analytic flow                180 to 900 l/h</li> </ul> Type Flow 200 l/h
Storage conditions	Ambient temperature -15°C to 45°C; +5°F to 113°F
Protection class / Contamination class	IP 20 (DIN EN 60529); contamination class II (laboratory environment)
EMC environment	Industrial environment / Laboratory environment