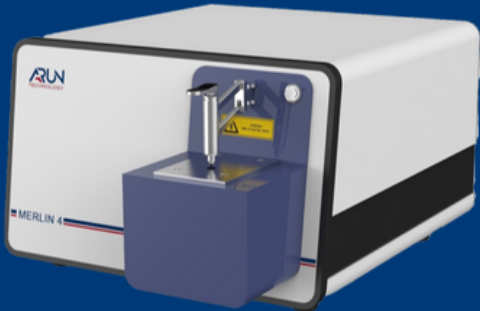


MERLIN 4

VISIBLE



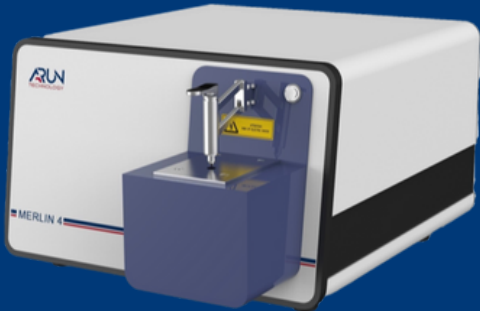
TECHNICAL SPECIFICATIONS

OPTICAL SYSTEM	Paschen-Runge
DETECTOR	CMOS
NUMBER OF OPTICAL SYSTEMS	1 Optic
NUMBER OF CMOS DETECTORS AVAILABLE	11 CMOS Detectors
WAVELENGTH RANGE	205-521nm
MEASUREMENT OF NITROGEN	No
MEASUREMENT OF PHOSPHORUS	No
MEASUREMENT OF SODIUM & LITHIUM	No
POWER SUPPLY	Line input 90 or 260 volts AC 50-60Hz
EMC	IEC61000-4-2 IEC61000-4-4 IEC61000-4-5
WORKING TEMPERATURE	10 degrees to 35 degrees C
OPERATING HUMIDITY	20-80%
ARGON PURITY	99.998% Minimum 99.999% Ideal
FOCAL LENGTH	400mm
DIFFRACTION GRATING	2400 Grooves per mm
SOFTWARE	Intuitive software for simple routine operation. Various user levels for secure and task-specific operations.
DIMENSIONS	65 x 39 x 79cm
WEIGHT	67kg



MERLIN 4

ULTRA



TECHNICAL SPECIFICATIONS

OPTICAL SYSTEM	Paschen-Runge
DETECTOR	CMOS
NUMBER OF OPTICAL SYSTEMS	1 Optic
NUMBER OF CMOS DETECTORS AVAILABLE	12 CMOS Detectors
WAVELENGTH RANGE	175-521nm
MEASUREMENT OF NITROGEN	No
MEASUREMENT OF PHOSPHORUS	Yes
MEASUREMENT OF SODIUM & LITHIUM	No
POWER SUPPLY	Line input 90 or 260 volts AC 50-60Hz
EMC	IEC61000-4-2 IEC61000-4-4 IEC61000-4-5
WORKING TEMPERATURE	10 degrees to 35 degrees C
OPERATING HUMIDITY	20-80%
ARGON PURITY	99.998% Minimum 99.999% Ideal
FOCAL LENGTH	400mm
DIFFRACTION GRATING	2400 Grooves per mm
SOFTWARE	Intuitive software for simple routine operation. Various user levels for secure and task-specific operations.
DIMENSIONS	65 x 39 x 79cm
WEIGHT	67kg

