

Specification Datasheet

Logi-CHROM

UV Detector



Detection

Detector Type	Variable single wavelength UV detector
Detection Channels	1
Light Source	Deuterium (D ²) lamp with integrated GLP chip
Wavelength Range	190 - 750 nm
Spectral Bandwidth	11 nm at H α line (FWHM)
Wavelength Accuracy	\pm 2.5 nm
Wavelength Precision	0.3 nm (ASTM E275-93)
Noise	\pm 2.5 μ AU at 254 nm (ASTM E1657-98)
Drift	300 μ AU / h at 254 nm (ASTM E1657-98)
Linearity	> 2.0 AU at 270 nm (ASTM E1657-98)
Maximum Data Rate	50 Hz (LAN) / 20 Hz (Analog)
Flow Cell	Not included (See Accessories / Spare Parts)
Time Constants	0.0 / 0.1 / 0.2 / 0.5 / 1.0 / 2.0 / 5.0 / 10.0 s
Integration Time	Automatic
Leak Sensor	Yes

Communication

Inputs Error (IN), Start (IN), Autozero, 0 - 10 V Analog IN

Outputs Events 1 - 3, + 5 V, 24 V Valve

Analog Outputs 1 x 0 - 5 V scalable, 20 bit, offset adjustable

Control Laura Software

Programming Timed: wavelength, events, fraction valve, links, wake up (program, link);
/ 9 programs, 50 program lines

Technical Parameters

Ambient Conditions Temperature Range: 4 - 40°C (39.2 - 104°F). Humidity: Below 90% non-condensing

General

Power Supply 100 - 240 V, 50 - 60 Hz, 75 W

Dimensions 361 x 158 x 523 mm (W x H x D)

Weight 5.9 kg

Other

Note: Flow cells are not included and must be ordered separately (See Accessories / Spare Parts)

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