

Laboratory instruments



- [Home](#)
- [Products](#)
- [Software](#)
- [Support](#)
- [References](#)
- [Links](#)
- [Contact](#)



Spectrophotometric detector LCD 5000 UV - VIS



UV - VIS detector with variable wavelength is designed particularly for liquid chromatography (HPLC). The scanning software of the detector makes this instrument also suitable for different use in chemical and biological laboratories. The instrument sends the data through the serial line equipped with the RS485 or RS232 interface.

By combining this detector with other modules of the LC5000 series and with a PC and software [CHROMuLAN](#) it is possible to assemble a complete automatic liquid chromatograph, which is capable of all functions including the operation control and data evaluation.

- [User manual](#)

Range of wavelengths	190 - 700 nm (UV-VIS)
Wavelength accuracy	1 nm
Wavelength reproducibility	0.1 nm
Spectral bandwidth	5nm
Noise	1x10e-5 AU at the time constant of 1 second 240 nm, 1 s, 60 min. after turning on
Drift	5x10e-4 AU/hr
Analytic cell	optical length 5mm, volume 5 µl
Data output and control	RS485 and RS232
Analog output	16 bit via D-A converter, selectable Au range
Automatic reset	keyboard command or program
Time setting	up to 20 separate programs of variable duration from 0 to 640 min, can be assigned titles
Output control signals	4 (TTL)
Response backread	2 (TTL)
Dimensions (w x h x d)	240 x 130 x 400 mm
Weight	7.5 kg
Power supply	110 - 230 V, 50 - 60 Hz
Power input	100 VA

[TÜV Certificate](#); [CB Certificate](#)

[Home](#) | [Products](#) | [Software](#) | [Support](#) | [References](#) | [Links](#) | [Contact](#) | [Site map](#)

© Copyright 2005 INGOS s.r.o. - Laboratory Instruments; instruments@ingos.cz

[česká verze](#)  | [english version](#) 

webdesign: [Webová továrna](#)

- 
- 