

LCA 5000

HPLC Diode Array Detector

NEW



The brand new INGOS Diode Array Detector LCA 5000 provides stability and sensitivity for an optimal detection in HPLC analyses. It consists of deuterium/tungsten dual light source, construction without any mechanical moving parts and photodiode array with 256-element line. Device allows simultaneous detection of up to 4 wavelengths with 4 separate analog outputs and online scan and collection of spectral data without stopping the flow. The LCA 5000 provides integrated solvent recycling system (3-way valve optional) and external start and autozero function. Device is simply controllable by RS232 via Clarity system.

LCA 5000 DAD is generally suitable for sample analyses which embodies UV absorption such as biological macromolecules, metal ions, organic compounds etc.

specifications

LCA 5000	
light source	deuterium / tungsten lamp
flow cell	10mm, 12μl
spectral range	190 – 720 nm
wavelength accuracy	± 0,5 nm
wavelength precision	± 0,1 nm
noise	1,5E-5 AU (254nm)
drift	5E-5 AU/h
bandwidth	6nm [2nm]
data interface	RS232