



Alltech® 3300 ELSD

High sensitivity detection for analytical HPLC

We are experts in designing and manufacturing ELSDs. Alltech® ELSD simplifies analysis of difficult compounds such as pharmaceuticals, impurities, fatty acids, polymer and more.

Easy

Simple menu navigation for operation and maintenance



Universal

Detection of all compounds regardless of elution solvents



Sensitive

Low noise and high stability

Alltech® 3300 ELSD: Your most important benefits



Easy

- Easy use of interface
 - A simple, step-by-step method wizard guides you through detector setup
 - Offers seven different languages for the user interface
- Easy to maintain
 - Parts requiring cleaning or service are accessible from the front



Universal

- Improves baseline stability and detection sensitivity compared to refractive index (RI)
- Use ELSD in parallel with UV/Vis and MS for maximum structural and concentration information
- Obtains a more accurate representation of sample mass than UV/Vis



Sensitive

- Low noise and excellent baseline stability
- Low nanogram detection limits





Alltech® ELSD 3300

Technical data sheet

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Order code

1 4 5 1 3 5 8 3 4 Alltech® ELSD 3300

Technical data

Light Source	Laser diode with collimating optics, 650 nm, 30 mW output, class IIIB
Detector Element	Silicon photodiode
Temperature Range:	Ambient to 120 °C in 1 °C increments
Nebulizer Gas:	Nitrogen preferred; Calibrated to 4.0 L/min
Inlet Pressure:	60 - 80 psi (4 - 6 bar)
Typical Operating Range	1.0 – 2.0 L/min
Flow Control:	Digital Mass Flow Control
Mobile Phase Flow Rate:	Up to 3.0 mL/min
Analog Output:	1 V or 10 mV full scale
Communications:	Inputs: TTL/contact closure for auto zero, gas shutoff, start, and standby Outputs: Contact Closure for pump shutdown in error conditions, general events Data Ports: USB, RS232, Ethernet
User Interface:	Full color Microsoft Windows® based Graphical LCD with alphanumeric keypad
Power Requirements:	120/240 V, 50/60 Hz
Dimensions (H × W × D)	11.6" x 10.3" x 19.5" (29.5 cm x 26.2 cm x 49.5 cm)
Weight:	30 lbs (16 Kg)
IEC/FDA Classification:	Class 1 Laser Product; Complies with 21 CFR Subpart J