

# SEDEX 85LT

**SEDEX<sup>LT</sup>ELSD<sup>TM</sup>**

Low Temperature  
Evaporative Light Scattering Detector

## Technical Specifications

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### COMPONENTS

Detector	High Sensitivity Photomultiplier.
Light Source	Selected High Efficiency Blue LED (470nm) Elapsed-time Counter.
Temperature Range	Ambient to 100 °C.
Nebulizer	Standard HPLC: from 5µL/min to 5mL/min with 4 Nebulizers. Ultra-High Performance LC with 1 Nebulizer. SFC with 1 Nebulizer
Sensitivity	< 1ng caffeine (LOD).

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### DATA

Analog Output	0 - 1 Volt.
Gain Setting	1 to 12 - Factor 2 <sup>11</sup> (2048).
Filter	Moving Average (0 - 10 seconds).
Data Rate	Analog: 100Hz.

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### COMMUNICATION

Selection & Display	Liquid Crystal Display and Keypad.
Event	Contact Closure for Ready, Auto-zero.
Power-down Methods	Shut-off: Gas, LED, Heating and/or PMT Cleaning mode.
Computer Interface	RS-232.
Software	Drivers (in option).

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### EXTERNAL REQUIREMENTS

Power	230V/50Hz - 115V/60Hz.
Gas Pressure (Nitrogen or Air)	3.5bars (less than 3L/min)
Dimensions	550mm (22") D X 250mm (10") W X 480mm (18") H
Weight	18.5Kg (40lbs).

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