

SEDEX 85LT

SEDEX^{LT}ELSDTM

Low Temperature
Evaporative Light Scattering Detector

Technical Specifications

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).

DATA

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

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).

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).
