Model	ELSD LC	ELSD FP	ELSD 100
Components			
Detector	High sensitivity photodiode	High sensitivity photodiode	SAGA-Enhanced Photodiode board
Light source	Blue LED Elapsed Time Counter	Blue LED Elapsed Time Counter	Blue High power laser, with elapsed time counter and high performance power management
Temperature range	Ambient to 100 °C	Ambient to 100 °C	Ambient to 100 °C
Nebuliser	LC	Flash	Low Flow, HPLC, UHPLC, SFC
Sensitivity	5 ng	100 ng	<250 pg
Eluent flow rate	200 µl/min to 2 ml/min	100 µl/min to 5 ml/min	50 µl/min to 2 ml/min
Data			
Analogue output	0 - 1 Volt	0 - 1 Volt	0 - 1 Volt
Gain setting	1 to 7 or Dynamic gain management: SAGA	1 to 8 or Dynamic gain management: SAGA	1 to 7 or SAGA (patented dynamic auto-gain)
Filter	Dedicated numerical algorithm	Moving average (0 - 0,5 - 1 - 2 …. 10)	Dedicated numerical algorithm
Date rate	40 Hz	10 Hz	Up to 100 Hz
Communication			
Selection and display	OLED display and keypad	OLED display and keypad	OLED display with illuminated keypad
Event	Contact closure, TTL for Ready, Autozero	Contact closure, TTL for Ready, Autozero	Contact closure, TTL for Ready, Autozero
Power down methods	Shut-off: Gas, Light source, Heating and/or Photodiode Cleaning Mode	Shut-off: Gas, Light source, Heating and/or Photodiode Cleaning Mode	Front panel or driver activated, with or without delay
Computer interface	USB, RS-232	USB, RS-232	USB, RS-232
Drivers for CDS	Drivers (option): Openlab EZChrom®, Openlab Chemstation®, Chemstation®, EZChrom®, Clarity®, Chromeleon®	Drivers (option): Openlab EZChrom®, Openlab Chemstation®, Chemstation®, EZChrom®, Clarity®, Chromeleon®	Drivers (option): Openlab EZChrom®, Openlab Chemstation®, Chemstation®, EZChrom®, Clarity®, Chromeleon®
External requirements			
Power	100 V to 240 V (50 Hz/60 Hz)	100 V to 240 V (50 Hz/60 Hz)	100 V to 240 V (50 Hz/60 Hz)
Gas supply	Nitrogen or air 3,5 bar (less than 3 l/min)	Nitrogen or air 2,0 bar (less than 3 l/min)	Nitrogen or air 3,5 bar (less than 3 l/min)
W×D×H (mm)	250×530×330	250×530×330	250×530×330
Weight (kg)	15	15	15,5