

Conductivity Detector CE 4710

Conductance Display Range	0.01 – 5000 μ S/cm
Output Signal	Selectable for anions or cations
Time Constant	0.1, 0.2, 0.5, 1, 1.5, 2, 5s
Autozero Range	Typically up to 10,000 μ S/cm
Synchronous Detection Frequency	5kHz
Noise	Less than \pm 1nS/cm, DI water, 1mL/min, 2s
Drift	Less than 20nS/cm/h, DI water, 1mL/min
Cell Volume	0.5 μ L
Cell Body	PEEK P1000 grade
Electrodes	316 stainless steel
Cell Pressure Rating	200psi
Cell Enclosure Heater	20 watt
Operating Temperature	25 – 50°C; 35°C standard
Temperature Precision	\pm 0.01°C
Warm-up Time	10 minutes typical
LCD Screen	4 lines, back lit, adjustable contrast
Method Storage	Up to 100 with password protection
Analogue Output	0-1V
Computer Interface	RS232
Remote Autozero	By contact closure
Digital Control	By PowerStream software
Keypad Control	For entry of values, commands and programmes

Pump CE 4100

Pump Type	Dual piston design
Flow Rate	0.001 to 10mL/min in 0.001 steps
Flow Reproducibility	Better than 0.1%
Maximum Pressure	40MPa – 400 bar
User Interface	4 line back-lit display and full range of keys
Pressure Cut-outs	Adjustable for over and low pressures
Pulsation	Better than \pm 0.5% at 2mL/min
Flow Path Materials	Ceramic, ruby, sapphire, PEEK

Heated Ion Chromatography Oven CE 4601C

Number of Columns	2 plus suppressor cartridge
Pressure Cut-out Valve	Accommodated – Option
Temperature range	Ambient +5°C to 85°C
Temperature Stability	±0.01°C
Temperature Display	digit LCD display
Injection Valve	
Rheodyne Valve	PEEK flowpath, 100mL loop

Solvent Degassers CE 4020 / CE 4040

Number of flow channels	4 (CE4040), 2 (CE 4020)
Maximum Flowrate	10mL/min
Materials Contacting Solvents	PEEK, glass filled PTFE, Teflon AF
Gas removal	To better than 1ppm at 1mL/min