

SCION 6000 Series HPLC System

SPECIFICATION

LC 6000

SCION 6460 REFRACTIVE INDEX DETECTOR



Flow cell type	2 chamber-type
Measuring method	Deflection type
Refractive Index range	1.00 to 1.75
Measuring range	0.25 to 512 micro-RIU
Drift	0.2micro-RIU/h (Pure water 1mL/min, PURGE OFF)
Linearity range	≥600micro-RIU
Noise	≤2.5nRIU (Pure water, response : 1.5sec)
Response	0.1 , 0.25 , 0.5 , 1 , 1.5 , 2 , 3 , 6 sec
Auto zero	Full auto zero
Auto zero range	All range
Off-set range	10micro-RIU
Off-set response	50nRIU
Integrator output (Sensitivity)	DC 0 to 1V (2mV/micro-RIU, 8mV/micro-RIU)
Cell volume	8micro-L
Flow rate (Usual)	0.2 to 3.0mL/min
(Max.)	10mL/min (solvent: pure water)
Max. back pressure	50kPa
Internal volume	IN to Cell: ca. 60micro-L Cell to OUT: ca. 600micro-L All(Cell to OUT: ca.670micro-L
Recorder output	0 to 10mV/FS
External input	-
External output	(1) READY (temperature control) (2) LEAK (3) ERROR (ROM, RAM, PARAMETER, HOME POSITION, OVER-HEAT, OPTI.-BALANCE, INTENSITY)
Temp. control	OFF, 30 to 55deg-C (1deg-C step), 77deg-C Temp. fuse
Communication port	USB
Operational support functions	None
Wetted materials	Stainless steel 316, Teflon, Quartz glass
Power source, Power consumption	AC 100 to 240V±10%, 50/60Hz, 150VA max.
Accessories	Power cable, single code, connector tube, fuse, operation manual