

ECSXX P

COMPACT PREPARATIVE SYSTEM

High effective Compact Preparative System containing **UV-VIS DAD detector, preparative gradient pump, automatic inject valve and fraction collector.** Detector allows absorbance measuring on four wavelengths at the same time or scanning through entire spectra.

System is controlled by built-in PC and touch screen.

Modular solution allows to configure the unit according to customer needs. It can be equipped with one of three detectors with wavelength range 200 – 800 nm and also with one of three pump types with flow rate up to 50 or 250 mL/min.



MAIN PARTS

TOYDAD 800 DETECTORS

is UV-VIS diode array detector, which allow measuring absorbance of **four wavelengths in range of 200-800 nm simultaneously in one cell** just as scanning of whole spectra. Standardly is assembled with preparative cell PLCC 15L but other cells are available.



ECF2096 FRACTION COLLECTOR

fractions are collected according to chosen method which is simply created using touch screen. Racks for 8, 21, 40 ml tubes.



AUTOMATIC INJECT VALVE

valve is driven by a step motor and it is automatically switched by software. System also allows manual sample injection by opened column.



SYSTEM PC INFO

installed industrial PC with Intel Atom 4 core processor. OS Linux, Touch screen 12,1" 1024 x 786, SW QUEEN controls: gradient, flow rate, wavelengths, fractions collection etc. Remote administration is available.

ECP2050 AND 2200 PREPARATIVE GRADIENT PUMPS

modified for compact system, **quaternary gradient pumps** with flow rate up to **50 ml/min (30MPa)** (and **250 ml/min (30 MPa at 100 ml/min and than linearly down up to 15 MPa at 250 ml/min)**. Unit software includes new learning algorithm for pulsation suppression and many testing and diagnostic functions.



SYSTEM MODIFICATIONS

System	Pump version	Detector version
ECS58P0Y	50 ml/min ; 30 MPa	TOYDAD800;
ECS28P0Y	250 ml/min ; 30/15 MPa	200 – 800 nm

TECHNICAL PARAMETERS:

Interface	3xUSB, 2xLAN, RS232
Power supply	100 - 240 V AC
Power input	400 W
Dimensions (W x H x D)	450 x 500 x 650 mm (17,72 x 19.69 x 25.59")
Weight	55 kg (121.30 lb)