

ECS10

QUATERNARY GRADIENT PREPARATIVE SYSTEM

High effective preparative system containing **UV-VIS DAD detector, preparative pump and gradient box**. Detector allows measuring at four wavelengths in the same time or an informative scan.

Communication is through **RS232** or **Ethernet(LAN)**. Additional PC A/D converter card is not required for this system.

System contains manual injector and **ECOMAC** software which include drivers for all ECOM units.

MAIN PARTS

TOY14DAD 600 DETECTOR

is an UV-VIS diode array detector, which allows measuring absorbance of **four wavelengths in range of 200 – 600 nm simultaneously in one cell** just as visualization of whole spectra. It is possible to use the detector in **flash and preparative** applications. Standardly is assembled preparative cell PLCC 15 but other cells are available.

ECP2100 PREPARATIVE PUMP

This isocratic pump works with Gradient Box ECB2007 as a **quaternary gradient pump**. Flow rate range is **0.1-100 ml/min** and pressure limit at **30 MPa**. Unit software includes new learning algorithm for pulsation suppression and many testing and diagnostic functions.

ECB2007 GRADIENT BOX WITHOUT DEGASSER

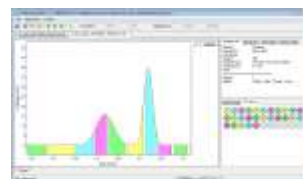
Box is suited for handling liquids in ECOM gradient systems. It accommodates a container for solvent bottles and **four-way gradient valve**. Four-way gradient valve is controlled from the pumps ECP2010, ECP2050 or ECP2100.

Note: System can be equipped with detectors with **different wavelengths range** and pumps with **different flow rate** from ECOM production.



ECOMAC CHROMATOGRAPHY SOFTWARE

This system is fully controlled by ECOMAC software, which is also a part of delivery. It allows all units controlling, gradient creating and fraction collecting. (Fraction collector can be supplied as option)



SYSTEM CONTAINS

Pcs	Description	P/N
1	TOY14DAD 600 Four Channel Detector	TOY1412X
1	ECB2007 Gradient Box without Degasser	ABD0000X
1	ECP2100 Preparative Pump	ACD0000X
1	ECOMAC software	AF000000
1	Anal. injection valve with 20ul sample loop	AVV02006
1	Sample loop SS 1ml 1/16"	AVVCSL1K
1	Accessories for prep. system series 2000	ASP00180