

TOY18FIX - EX

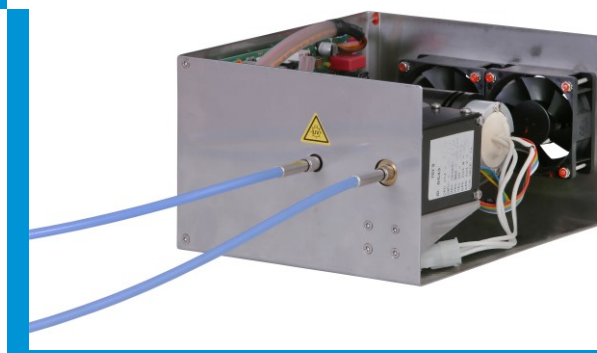
SINGLE UV DETECTOR

DUAL UV DETECTOR

is **OEM built-in UV detector with SMA 905 connectors allowing to use external cell connected with optical cables.** It is suited for preparative and flash chromatography with **fix wavelengths in range 200 – 600 nm.** It is offered in the following versions:

Single UV detector version measure at **one fix wavelength** which is adjusted in production according to customer order in range of **200 – 600 nm.**

Dual UV detector version measure at **two fix wavelengths** which are adjusted in production according to customer order in range of **200 – 600 nm.**



The unit is supplied with AMY17 PCB board. It powers the lamps and control the unit. It has lot of new function including sampling higher speed.

Most important features of TOY18FIX detectors:

- small dimensions
- **built-in lamp working hours counter**
- **easy replacement of flow cell**
- **sophisticated diagnostic software**

SPECIFICATION

	TOY18FIX Single UV Detector	TOY18FIX Dual UV Detector
Part Number	TOY21WEY	TOY22WEY
Wavelength range	200 - 600 nm (256 elements on CCD)	
Number of channels (Signals)	One fix wavelength in range of 200 – 600nm	Two fix wavelengths in range of 200 – 600nm
Typical spectral half-width	8 nm	
Accuracy of adjusted wavelength	± 1 nm	
Noise level at test cell (254 nm, TC 0.75s)	± 8 x 10 ⁻⁵ AU	
Drift at test cell (254 nm after 1 h)	2 x 10 ⁻³ AU/hr	
Materials in contact with mobile phase	depends on the selected cell	
Time constant (T63)	0.5 s, 0.75 s, 1.0 s, 2.0 s, 4.0 s, 8.0 s, 16.0 s, 0.2 s, 0.1 s	
Interface	RS232; optionally LAN, USB, 4x Analog output or Digital OI	
Power supply	24 -36 V DC	
Power input	48 W	
Dimensions (W x H x D)	164 x 112 x 197 mm (6.46 x 4.41 x 7.76 in)	
Weight	2.0 kg (4.4 lb)	

EXTERNAL CELL AND OPTICAL CABLES ARE NOT PART OF THESE UNITS. THEY SHALL TO BE ORDERED SEPARATELY.