

UV-VIS DETECTORS OVERVIEW

The ECOM Company offers **wide range of detectors** suitable for **analytical, preparative HPLC and FLASH chromatography** applications. **Large number of flow-cells** with flow-rates from micro liters to liters per minute allows wide use of them.

Sapphire and Opal series are designed for **sophisticated analytical** applications. **Flash 06S** series are mostly targeted to **flash and preparative** applications.

Built-in versions of Flash 06 series are suitable to be **built into compact chromatography systems**. It is possible to produce any other unit as built-in version after agreement.

All units may be supplied as basic OEM versions. It is possible to change design of these versions to customer needs.

OVERVIEW

Name	R [nm]	Wavelength	Scan	Notes
Sapphire series	variable wavelength, classic grating mechanism			
Sapphire 800	190-800	1xVariable	No	power supply 100,115,230V
Sapphire 600	190-600	1xVariable	No	power supply 100,115,230V
Sapphire 800 CE	190-800	1xVariable	No	capillary electrophoresis, power supply 100,115,230V
Sapphire 600 CE	190-600	1xVariable	No	capillary electrophoresis, power supply 100,115,230V
Sapphire 800 Ex	190-800	1xVariable	No	optical connectors, power supply 100,115,230V
Sapphire 600 Ex	190-600	1xVariable	No	optical connectors, power supply 100,115,230V
Flash 06 DAD series	diode array - DAD,PDA , without display and keypad			
Flash 06 DAD 400	200-400	4xVariable	Yes	built-in unit, power supply 24-36V DC
Flash 06 DAD 600	200-600	4xVariable	Yes	built-in unit, power supply 24-36V DC
Flash 06 DAD 800	200-840	4xVariable	Yes	built-in unit, power supply 24-36V DC
Flash 06S DAD 400	200-400	4xVariable	Yes	power supply 90-264V
Flash 06S DAD 600	200-600	4xVariable	Yes	power supply 90-264V
Flash 06S DAD 800	200-840	4xVariable	Yes	power supply 90-264V
Flash 06S DAD 600 Ex	200-600	4xVariable	Yes	optical connectors, power supply 90-264V
Flash 06S DAD 800 Ex	200-840	4xVariable	Yes	optical connectors, power supply 90-264V
Flash 06 Fixed series	with interference filter, without display and keypad			
Flash 06 SINGLE	200-600	1xFilter	No	built-in unit, power supply 24-36V DC
Flash 06 DUAL	200-600	2xFilter	No	built-in unit, power supply 24-36V DC
Flash 06S SINGLE	200-600	1xFilter	No	power supply 90-264V
Flash 06S DUAL	200-600	2xFilter	No	power supply 90-264V
Opal series	with interference filter			
Opal	200-600	1xFilter	No	power supply 100,115,230V
Opal VIS LED	360-800	1xFilter	No	light source is LED, power supply 100,115,230V
Opal Ex	200-600	1xFilter	No	optical connectors, power supply 100,115,230V
LCD 2083 series	four flow cells on one wavelength, classic grating mechanism			
LCD 2083.7	190-360	1xVariable 4xSignal	No	power supply 100,115,230V

R - range of possible wavelengths