

STALWART

UV Spectrophotometer STA-4300



Features

2.5' LCD screen

Equipped with a 2.5 LCD screen to give a Clear display of standard curve and groups of results.

Standard Curve

Can set up various standard curves according To customer's solution and find the concentration of Unknown solutions.

Multiple results readout

Can display wavelength, absorption and transmittance with 5 results per screen. It also has a memory store of up to 200 results

Auto setting wavelength

Users set wavelength automatically through arrow keys to avoid operation errors.

Imported deuterium lamp

STA-4300 is equipped with imported deuterium Lamp which ensures low strays light, photometric accuracy and is easy to be replaced

Data Output

Equipped with USB port to connect with a PC to display spectrum scanning. Kinetics and multi-wavelength testing result on the screen. The software is optional.

Specification

Item	STA-4300
Optical System	Single beam, Grating 1200 lines/mm
Wavelength Range	190-1000nm
Bandwidth	4nm
Wavelength Accuracy	+ 1 nm
Wavelength Repeatability	0.5nm
Wavelength Setting	Auto
Photometric Accuracy	+ 0.5%T
Photometric Repeatability	0.3%T
Photometric Range	-0.3-3A%T
Stray Light	0.3%T
Stability	± 0.002A/h @ 500nm
Standard Cell Holder	4-position 10mm cell changer
Light Source	Tungsten Lamp & D2 Lamp
Stray Light	≤ 0.03%T
Output	USB port & parallel port (printer)
Printer Port	Parallel Port
Display	128*64 Dots LCD

Specification

Detector	Silicon Photodiode
Power Requirements	AC 85~250V
Dimension	420*280*180mm
Weight	12kg

Standard Accessories

Sr#	Description	Quantity	Unit
1	1 cm Glass cuvette	4	Pcs
2	Power cord	1	Pcs
3	User's Manual	1	Pcs
4	1 cm quartz cuvette	2	Pcs
5	Dust cover	1	Pcs

Spare Accessories

Item	Model No	Description	Unit
Cell Holder	100101	10mm single cell holder	Pcs
	100102	10mm 4-hole cell holder	Pcs
	100103	50mm 4-hole cell holder	Pcs
	100104	100mm 4-hole cell holder	Pcs
	100105	10mm 8-hole auto cell holder	Pcs
	100106	10mm single hole water jacketed ambiknt cell holder	Pcs
	100107	Adjustable cell holder for micro cuvettes	Pcs
	100108	Fixed Transparent film holder	Pcs
	100109	Test tube holder	Pcs
Control Units	200101	Peltier System	Pcs
	200102	Sipper system	Pcs
	200103	Peltier/sipper system	Pcs
	200104	Micro thermo printer	Pcs
Lamps	300101	W lamp 12V, 20W (Phillips)	Pcs
	300102	D2 lamp A510YXU (Millas)	Pcs



W lamp 12V, 20W
(Phillips)



10mm 4-hole cell holder



Test tube holder



Micro thermo printer



Adjustable cell holder for
micro cuvettes



Fixed Transparent
film holder



10mm 8-hole auto
cell holder



10mm single hole water
jacketed ambient cell
holder



D2 lamp A510YXU
(Millas)



Peltier/sipper system