

# STALWART

## UV Spectrophotometer STA-4800



## Features

### Lead screw structure

The instrument uses a lead screw structure so that the Instrument wavelength accuracy and wavelength resolution can be greatly improved.

### Numerical Keys

With microprocessor controlled, all parameters of the instrument can be easily set by numerical keys.

### 8mm thick optical base

The instrument uses a rigid die-cast aluminum base as its optical mount to ensure instrument stability and reliability.

### Standard curve

STA-4800 instrument can set up various standard curves according to customer's solution and find the concentration of unknown solutions.

### Auto setting wavelength

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

### Data output

Equipped with USB port to connect with a PC to display spectrum scanning, kinetics and multi wavelength testing results on the screen

### Imported high quality deuterium lamp

The UV instrument use imported flanged deuterium lamp with low stray light, photometric accuracy and easy replacing.

## Specification

Item	STA-4800
Wavelength Range	190nm-1100nm
Bandwidth	2nm
Wavelength Accuracy	± 0.5nm
Wavelength Repeatability	0.2nm
Wavelength Setting	Auto
Photometric Accuracy	+0.3%T
Photometric Repeatability	0.2%T
Photometric Range	-0.3-3A,0-200%T,0-9999C
Stability	± 0.002A/h @ 500nm
Baseline Flatness	±0.0015A/h
Stray Light	≤ 0.05%T
Data Output Port	USB
Printer Port	Parallel Port
Display	128*64 Dots LCD
Lamps	D2 Lamp & W Lamp
Detector	Silicon Photodiode
Power Requirements	220V/50Hz
Dimension	460*360*225mm
Weight	18kg

## Standard Accessories

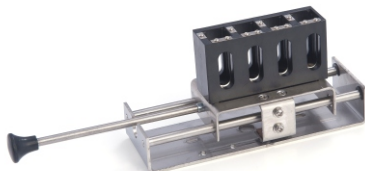
Sr#	Description	Quantity	Unit
1	1 cm Glass cuvette	4	Pcs
2	Power cord	1	Pcs
3	User's Manual	1	Pcs
4	1 cm quartz cuvette	2	Pcs
5	Dust cover	1	Pcs

## 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)



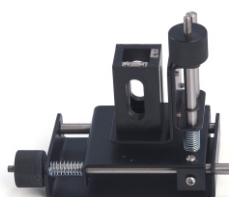
10mm 4-hole cell holder



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