

# S3000-UV Specification

## Introduction

S3000-UV is a UV spectrometer made by Hangzhou Seeman Technology Co.,Ltd. This spectrometer is designed for spectrum analysis in food, chemistry, biology and many other fields.



## Specification

S3000-UV	
Power supply	5V DC provided by PC USB port
Wavelength range	185nm ~ 950nm
Detector	TCD1304 UV-enhanced CCD
Slit	30um
Grating	600line/mm@250nm
Wavelength resolution	Depending on grating and slit, minimum to 0.2nm
S/N ratio	300:1
Scatter light	<0.1%
CCD Linearity correction	99.8%
Power consumption	128mA@5V

Communication interface	USB1.1 or USB2.0
A/D conversion	16bit high precision AD
Fiber interface	SMA905
Dimension	115 mm(L) x 80 mm (W) x 40 mm (H)
Weight	500 g
Minimum exposure time	3ms
Maximum exposure time	60s
Wavelength repeat error	< 0.3nm
Wavelength absolute error	< 0.3nm
FWHM	< 1nm
Operating temperature	-20°C ~ 60°C
Software	SpectraPro

## Contact US

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