



Spectro - 2092S



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

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>> Application

- Medicine/Pharmaceutical Industry
- Environmental Monitoring
- Commodity Inspection
- Food Inspection
- Agricultural Chemistry
- Teaching in Colleges & Universities
- Mettallurgy
- Machine Manufacturing
- Geology
- Petrochemical Industries
- Water and Waste Water Labs
- Food and Beverage Labs

Features

- Large LCD screen (128*64) Dots.
- Can display and save 50 groups of data, 5 groups per screen.
- Data can be restored after a sudden power cut.
- Auto setting Wavelength
- Tungsten lamp & deuterium lamp can be turned on/off individually to extend lifetime.
- Automatic WL. Calibration and dark current getting. With Scanning

>> Specification

Optional System : Single - Beam, Grating

• Wavelength Range : 190 - 1000nm

Bandwidth : 2nm
Wavelength Accuracy : ±1nm
Wavelength Repeatability : 0.5nm
Wavelength Setting : Auto
Photometric Accuracy : ±0.5%T
Photometric Repeatability : 0.3%T

Photometric Range : -0.3-3A,0-200%T

• Stray Light : <0.3%T

Stability : ±0.002A/h @500nm
 Display : 128 * 64 Dots LCD
 Detector : Silicon Photodiode

Standard Cell Holder : 4-position 10mm cell changer
 Light Source : Tungsten & Deuterium lamp
 Output : USB port & Perallel port (printer)

Power Requirements
 Dimension
 AC 85 ~ 250V
 420x280x180mm

• Weight : 20Kg





UV-VIS Spectrophotometer Single Beam Spectro-2092S Models are designed for reliable continuous operation. It is easy to use, throughly reliable and above all low cost.

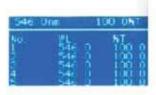
The Spectro-2092S provide excellent application functions without sacrificing accuracy and precision. It is an ideal instrument for various application

FIRMWARE FUNCTIONS

T Mode: Continously measure the Transmitttance of Sample.



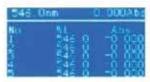




A Mode: Continously measure the Transmitttance of Sample



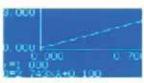




C Mode: Standard Curve method, can use at most 9 standard samples to create a new standard curve, and to measure the unknown samples by the new one







F Mode: CoffcientMethod, Input the known K and C to measure the unknown concentration samples







>> Standard Configuration

 Main Set 1 No. • USB Cable 1 No. Accessory kit. including a 4 glass cell (1 cm) 1 No. • 2 Quartz Cell (1 cm) 1 No. • Operating Manual Software Manual 1 No. Dust Cover 1 No. Software CD 1 No. Power Cable 1 No.

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



- 1.Research & Innovation Scientist's awards/QC Professional Award: Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personallities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org
- 2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.
- 3. ANALYTICAL FOUNDATION aims to DETOXIFY human minds, souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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