

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
- Metallurgy
- 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 & Parallel port (printer)
• Power Requirements	:	AC 85 ~ 250V
• Dimension	:	420x280x180mm
• Weight	:	20Kg



UV-VIS Spectrophotometer Single Beam Spectro-2092S Models are designed for reliable continuous operation. It is easy to use, thoroughly 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 applications.

FIRMWARE FUNCTIONS

T Mode : Continuously measure the Transmittance of Sample.



A Mode : Continuously measure the Absorbance 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 : Coefficient Method, 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:



Analytical
Foundation

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 personalities 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 DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



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