L6, L6S Split Beam UV-VIS Spectrophotometer

1.Split beam optical system
2.Automatic wavelength settings
3.Color touch-screen LCD 8 inch
4.Automatic cuvette holder moving
5.Automatic zero and full scale adjustment
6.Equipped with USB port
7.Thermal plotter optional
8.Software optional

COMMON FEATURES

Legend series spectrophotometers adopt split beam survey optical system, and blazed holographic gratings. They have outstanding test precision and very competitive prices.

8-inch color touch screen LCD display, cutting-edge user interface, powerful functions, and easy operation.

The automated eight-position cuvette holder facilitates the operation under each measurement mode.

With powerful functions, the equipment shows great performance in qualitative and quantitative testing, such as:

1.Full-spectrum scanning
2.Detailed spectrum scanning
3.Time-based kinetics determination
4.GOTO λ
5.Linear regression
6.Concentration direct reading
7.Peak/Valley detecting
8.Multi-wavelength measurement

The equipment is designed with sophisticated power protection system. With high capacity of internal memory, it can store testing results, scanned images, regression equations and correction data. Therefore, it follows a fast initialization when power on.

The instrument can be connected with dedicated printer, which can print testing results, or draw curve from spectral scanning, fixed wavelength time-based scanning, and linear regression.

There is a USB port on the device, and UVwin8 software is optional to order. The device can be connected to a PC, which can not only enhance the performance in data testing and spectrum scanning, but also expand the memory to save more
testing results.

SPECIFICATIONS

Models	L6	L6S
	------	Scanning
Operation and Display	8 in. Touch Screen	
Wavelength Range	190-1100 nm	
Wavelength MPE	±0.5nm	
Wavelength Repeatability	≤0.2nm	
Transmittance MPE	±0.3%T	
Transmittance Repeatability	≤0.15%T	
Transmittance Measuring Range	0.0%-200.0% (T)	
Absorbance Measuring Range	-0.301-4.000 (A)	
Spectrum Bandwidth	2nm	
Stray Light	≤0.05%T	≤0.03%T
Drift	≤0.0009A/0.5h	
	(250nm/500nm,2h warm up)	
Signal Noise	100%T Noise≤0.15%T	
	0%T Noise≤0.10%T	
Baseline Flatness	------	±0.002A
	(335-1090nm)	(200-1090nm)
Overall Dimensions	550×430×200(mm)	
G.W.		
Software	Optional	

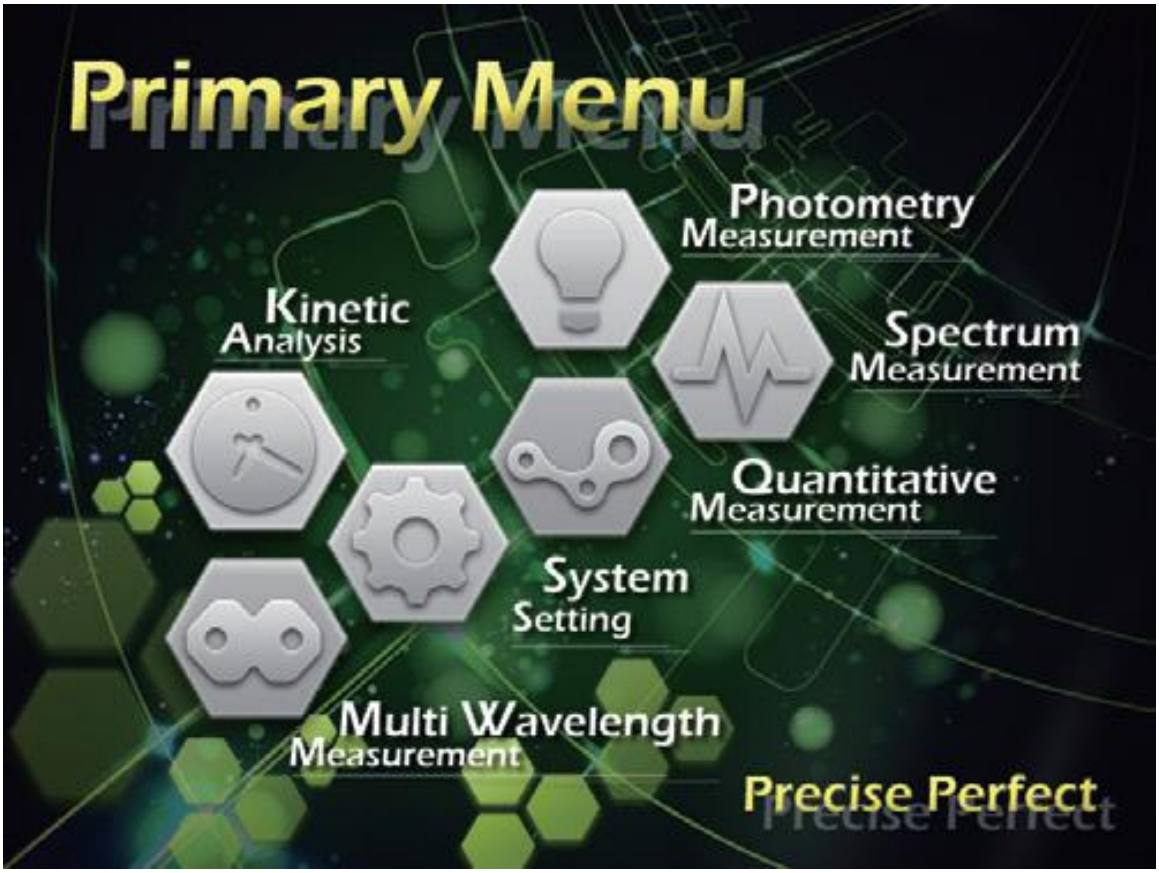
STANDARD ACCESSORIES

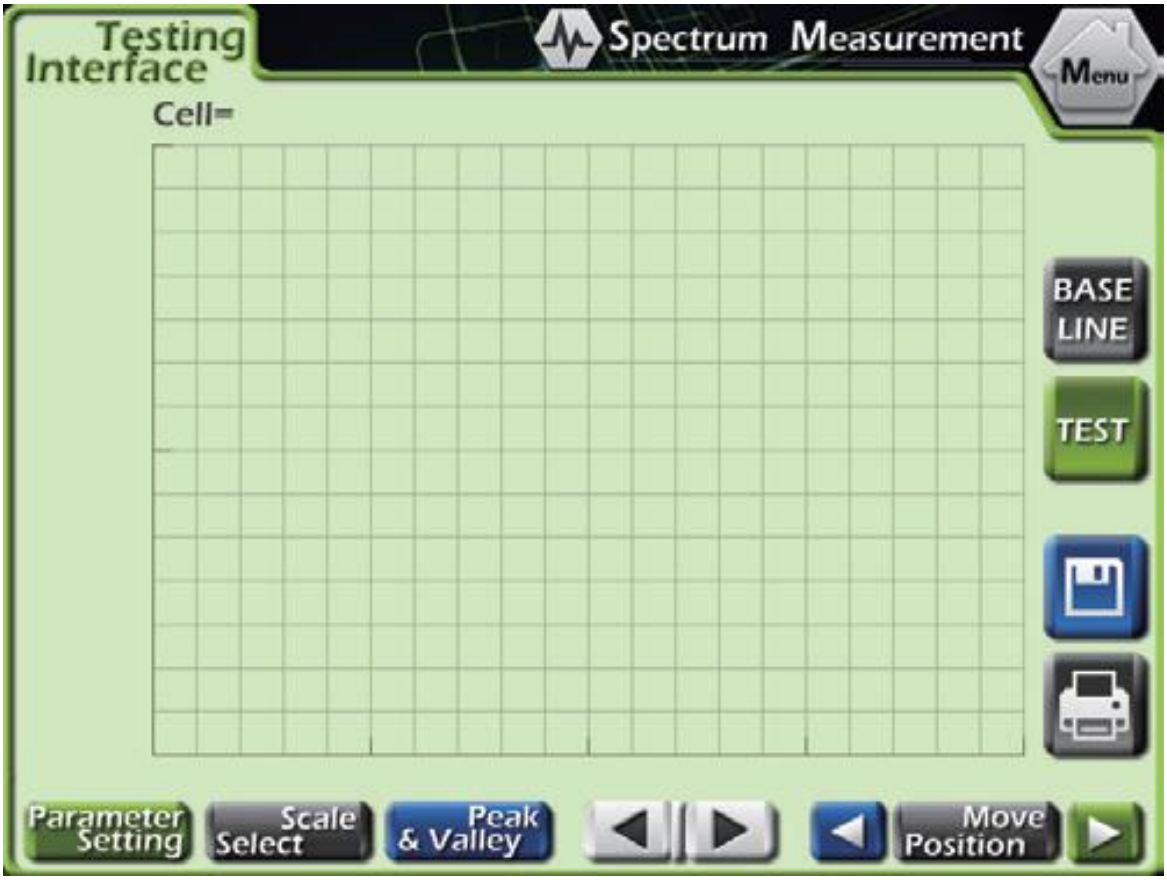
User manual	1pc
1cm quartz cuvette	2pcs
Power cable	1pc

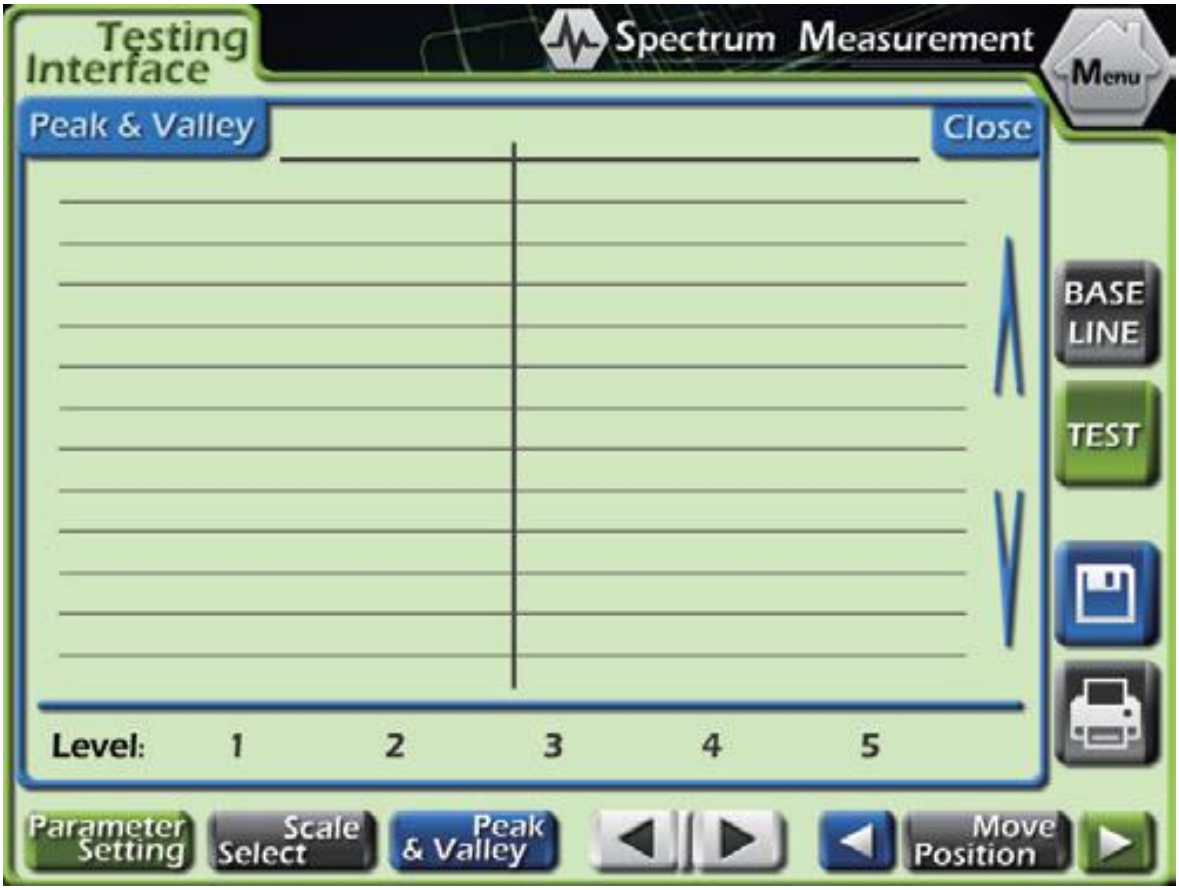
OPTIONAL ACCESSORIES

Thermal plotter
10mm cuvette holder
50mm cuvette holder
100mm cuvette holder
UV WIN8 software

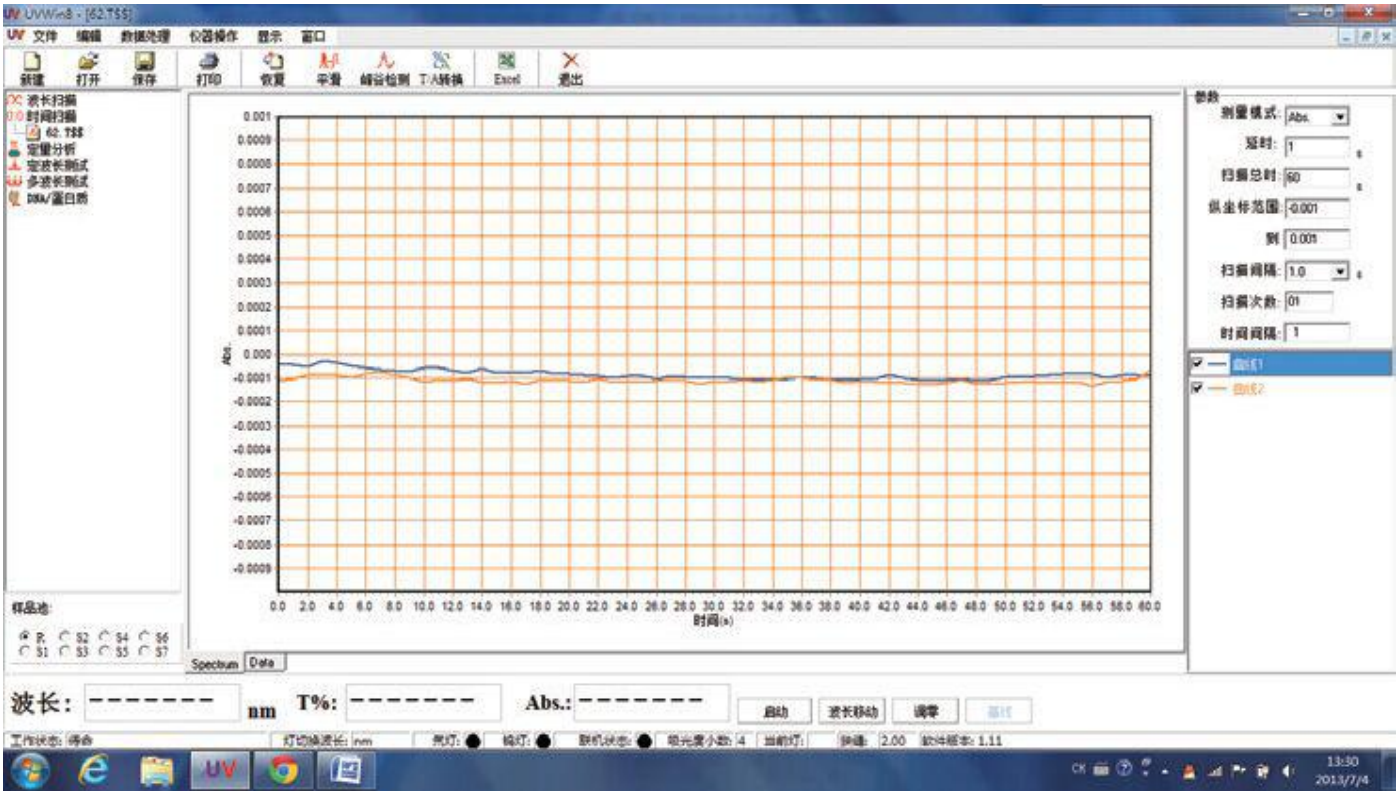
COLOR TOUCH-SCREEN

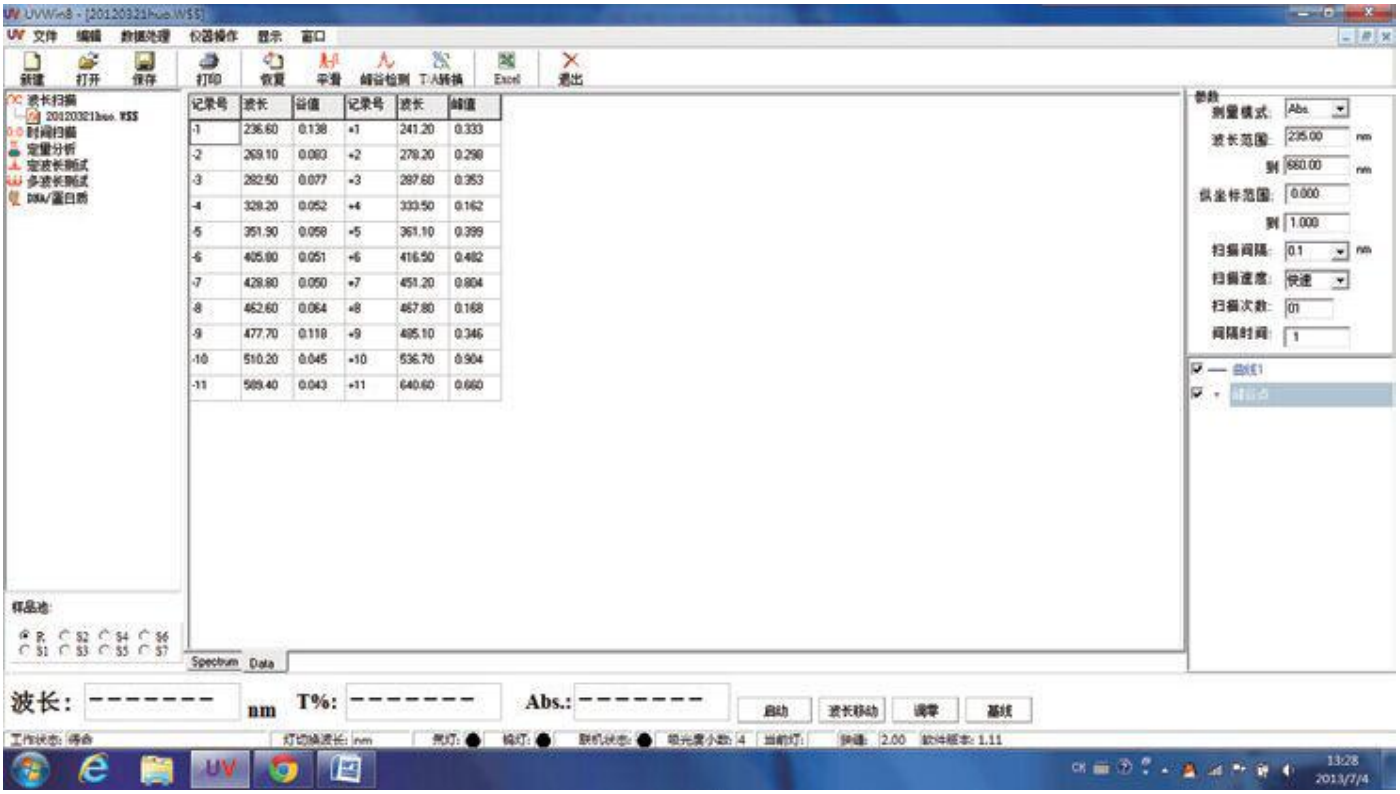






DATA DISPLAYED ON COMPUTER




文件 编辑 数据处理 仪器操作 显示 窗口
新建 打开 保存 打印 恢复 平滑 峰谷检测 T/A转换 Excel 退出
波长扫描
时间扫描
定量分析
定波长测试
多波长测试
DNA/蛋白质
记录号 波长 谷值 记录号 波长 峰值
-1 236.60 0.138 +1 241.20 0.333
-2 269.10 0.080 +2 278.20 0.298
-3 282.50 0.077 +3 287.60 0.353
-4 329.20 0.052 +4 333.50 0.162
-5 351.90 0.058 +5 361.10 0.399
-6 405.00 0.051 +6 416.50 0.482
-7 428.80 0.050 +7 451.20 0.804
-8 462.60 0.064 +8 467.80 0.168
-9 477.70 0.118 +9 485.10 0.346
-10 510.20 0.045 +10 536.70 0.904
-11 569.40 0.043 +11 640.60 0.660
参数
测量模式: Abs
波长范围: 235.00 nm
到 680.00 nm
纵坐标范围: 0.000
到 1.000
扫描间隔: 0.1 nm
扫描速度: 快速
扫描次数: 01
间隔时间: 1
样品池:
Spectrum Data
波长: -------- nm T%: -------- Abs.: --------
启动 波长移动 调零 基线
工作状态: 停止
灯切换波长: nm
氘灯: 钨灯: 联机状态: 光元素小数: 4 当前灯: 步进: 2.00 软件版本: 1.11
13:28
2013/7/4