

# S410 NIR SPECTROPHOTOMETER



## Features:

- \* Transmission NIR, mainly used for liquid samples qualitative and quantitative analysis applies to gasoline, drinks, milk and other areas of nutrients, water chemistry and other physical properties of the rapid non-destructive analysis determination.
- \* Single-channel whole spectrum scanning.
- \* Easily updated.
- \* Fast scan, wavelength calibrates time from 900nm to 1700nm less than 2 minutes.
- \* Built-in SCM technology, auto 0% and auto background subtraction.

## Applications and Features:

Application field: liquid dope samples(gasoline, drink, and milk, etc.)

Optical system: grating monochromator

Detector: InGaAs

Interface: RS232 serial port

## Spec:

1. Wavelength Accuracy:  $\pm 1\text{nm}$
2. Wavelength Reproducibility:  $\leq 1\text{nm}$
3. Wavelength Scanning Interval: 4nm or 8nm or 16 nm
4. Wavelength Range: (900-1700)nm
5. Absorbance Reproducibility: 0.002A (at 0.4A)
6. S/N:  $\geq 10^3$  (at 1500nm)
7. Scanning Time:  $\leq 2\text{mins}$

## Standard Package:

Main instrument 1 set

Power cord 1 pc

Data processing software package 1 set

RS-232C serial communication cable 1 pc

User manual 1 pc

Packing list 1 copy

Product quality certificate 1 copy

Fuse (2A) 2 pcs

1cm quartz square sample cell 1 pair

1cm cell holder 1 pc

## Optional Spare Parts and Accessories

Laptop 1 pc