

## SPECTROPHOTOMETER



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ANALYTICAL EXCELLENCE...

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### NIR Spectrophotometer

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 rapid non-destructive analysis determination. The instrument monitors the ambient temperature and humidity in real time and stores it in the spectrum file, making it convenient to check and optimize the measurement conditions.

#### FEATURES:

- Single channel whole spectrum scanning
- Built-in high quality PTFE reference module and polystyrene wavelength standard filter
- Automatic reference calibration and monitoring wavelength



**MODEL SPECIFICATIONS:**

| <b>Model</b>                 | <b>MA-S430</b>  |
|------------------------------|---|
| Optical System               | Grating monochromator   |
| Wavelength Scanning Interval | 8nm   |
| Wavelength Range             | 900~2500nm  |
| Wavelength Accuracy          | ≤0.2nm  |
| Wavelength Reproducibility   | ≤0.05nm   |
| Stray Light                  | ≤0.1%   |
| Scanning Time                | 1 min or adjustable   |
| Noise                        | ≤0.0005Abs  |
| Interface                    | USB   |
| Standard Accessories         | 2*1cm quartz square sample cell, 2*1mm quartz micro sample cell |
| Optional Accessories         | Laptop  |
| Power Supply                 | 110V/220±10%, 60/50Hz   |
| Package Size (W*D*H*) mm     | 535*500*380   |
| Gross Weight (kg)            | 12  |