

Marks B603 NIR Spectrometer

Features

- High speed analysis, multiple composition can be tested at a same time in 60s.
- It is a FTNIR spectrometer adopts MEMS technology
- Non-destructive Analysis of samples
- Combined large screen computer in the machine, it can do real-time test.
- Easy to use, without training.



Application area

Pharmaceutical and Chemical Industries

- Material identification and quality evaluation can be directly analyzed in user warehouses or on-site unloading
- Rapid Detection of Intermediates in Workshop Production
- Rapid and non-destructive analysis of drugs, capsules and powder injection, such as water content in powder injection, consistency of effective components in tablets and capsules, etc.
- Physical properties of polymer and petrochemical industry samples such as density, molecular weight, degree of polymerization, etc. On-site Rapid Detection of Mixed Process
- Rapid detection of fermentation process
- Rapid nondestructive analysis of pasty samples in cosmetics Industry

Agriculture and Food Industry

- Rapid Nondestructive Testing of Fat, Protein and Water Contents in Agricultural By-products such as Meat and Cereals
- Quantitative Analysis of Protein, Cellulose, Amino Acids and Water in Feed
- Chemical Composition Analysis of Tobacco, Qualitative Analysis of Origin and Grade
- Analysis of Sugar, Water and Protein in Bread and Chocolate Products in Food
- Operation process control of refinement, drying and mixing units in food production and processing

Specification

Detector: InGaAs

Wavelength range: 1300nm~2600nm (1150nm~1700nm/1250nm~2100nm) (optional)

Signal-to-noise ratio: 1500:1 (1800nm)

Resolution: 8 nm (1550 nm)

Operating system: Win7

LCD Touch Screen: 10 inches

Storage space: 64G

Measurement method: non-contact diffuse reflection

Power supply mode: DC12V/8A

Communication: USB2.0

Ambient temperature: 5-40 degrees Celsius

Environmental humidity: 5%-95%

Product size: 490*280*280mm (L*W*H)

Instrument weight: 8Kg

Marks Scientific Solutions Inc., USA

Faith Can Move Mountains

info@marksscific.com

+1 770 814 6427