

XDS near-infrared Rapid Content™ Analyzer



FOSS Rapid Content Analyzer

FEATURES and BENEFITS

- XDS NIR technology ensures ease-of-use and seamless method transferability
- Non-destructive analysis of solids and liquids through bags, glass vials or beakers
- No sample preparation, no reagents, no waste
- Network-ready analyzer for centralized database management
- Hot-swappable modules - change modules in minutes with no compromise in performance

ANALYZER DESCRIPTION

The FOSS Rapid Content Analyzer, based on XDS near-infrared technology, provides the next generation of dedicated NIR analysis for rapid non-destructive

measurements of solid and liquid chemical and pharmaceutical formulations.

With the XDS Rapid Content Analyzer you can replace routine tests, reduce product hold time and virtually eliminate quarantine time.

Composition or material identification testing is performed either in the laboratory or at-line, on samples contained in their original vials, bags or bottles.

The optional Solids Transport accessory extends analysis to virtually any solid form.

XDS NIR technology offers the most advanced analyzer performance and instrument matching to enhance method development, minimize implementation time and ensure seamless method transferability.

Identification, qualitative and quantitative methods are easily derived with the advanced, user-friendly, networkable Vision® software. Precise and accurate analysis is accomplished with the press of a key or click of a mouse.

ORDERING INFORMATION

XL-1100 Chemical Rapid Content Analyzer
XDS Laboratory Monochromator
XDS Rapid Content Module
Sample centering iris for reproducible sample positioning
NIRStandards™ certified standards for performance monitoring
1 reflectance standard (80%)
1 wavelength standard (SRM 1920 + talc)
Vision® SC Single-user Vision spectral acquisition, method development and routine analysis software. Provides single-user access to instruments on a network (one copy of vision per system)
XDS Instrument operation and method development training (2 persons)

XL-1110 Pharmaceutical Rapid Content Analyzer
XDS Laboratory Monochromator
XDS Rapid Content Module
Sample centering iris for reproducible sample positioning
NIRStandards™ certified standards for performance monitoring and compliance with USP general chapter on NIR Spectrophotometry
6 reflectance standards (2%, 10%, 20%, 40%, 80% and 99%)
1 wavelength standard (SRM 1920 + talc)
Vision®SP Single-user Vision spectral acquisition, method development and routine analysis software. Provides single-user access to instruments on a network (one copy of vision per system). Fully validatable and 21 CFR Part 11 compliant software.
AutoVal® system life-cycle documentation generator for XDS Rapid Content Analyzer
XDS Instrument operation and method development training (2 persons)

Accessory Description and Use

- XA-1020 RCA Liquid Sample Kit**
For analyzing clear to opaque liquids on the Rapid Content Analyzer. Consists of 6 circular quartz cuvettes and gold-plated reflectors that provide optical path lengths of 1 mm, 2 mm and 4 mm.
- XA-1040 Sample cups for reflectance analysis of fine powders**
Set of 10 cups with 100 disposable backs.
- XC-1001 NIRStandards™ Upgrade Kit**
Upgrade to complete certified standards kit. Set of 5 photometric (2%, 10%, 20%, 40% and 99% reflectance).
- XC-1010 NIRStandards™ Certified Reflectance Standards**
Set of 6 photometric (2%, 10%, 20%, 40%, 80% and 99% reflectance) and certified wavelength (SRM 1920 + talc) standards.
- XI-1010 Instrument Performance Certification for XDS-NIR Rapid Content Analyzer**
Semiannual certification performed on-site by certified engineer.
- XK-1000 Spare Parts Kit**
Consists of 2 lamps, fan filters, power supply fuses.
- XO-1100 Solids Transport**
For analysis of inhomogeneous solids such as granules, pellets and flakes. Consists of user installable horizontal transport, large area coarse sample cell and 10 sample cups. Requires computer.
- XS-1100/ Vision® MC/Vision® MP**
XS-1110 Multiple-user Vision spectral acquisition, method development and routine analysis software for chemical (Vision MC) and pharmaceutical (Vision MP) customers. Allows remote operation of instruments and centralized database management for all spectral databases.
- XT-1010 Service Training**
Instrument maintenance and service training for XDS NIR Analyzers.
- XV-2010 Vision® SP Validation Documentation on CD**
Complete electronic set of all documents pertaining to the validation of Vision SP software.
- XV-2110 Vision® MP Validation Documentation on CD**
Complete electronic set of all documents pertaining to the validation of Vision MP software.

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Dedicated Analytical Solutions

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