

# XDS near-infrared Rapid Liquid™ Analyzer



FOSS Rapid Liquid Analyzer

## FEATURES and BENEFITS

- XDS NIR technology ensures ease-of-use and seamless method transferability
- Uses standard quartz cuvettes and disposable vials
- Temperature controlled analysis of virtually any liquid or suspension
- 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 Liquid Analyzer, based on XDS near-infrared technology, provides the next generation of dedicated NIR analysis for rapid non-destructive

analysis of liquid chemical and pharmaceutical formulations.

The new XDS Rapid Liquid Analyzer is designed to provide rapid quantitative and qualitative results for quality control and assurance.

With the Rapid Liquid Analyzer, virtually any liquid or suspension can be analyzed in both laboratory and at-line situations. Samples are effortlessly analyzed in quartz cuvettes or disposable vials for trouble-free clean up. A temperature-controlled sample chamber provides the stable sample environment essential for precise measurements.

Only the FOSS XDS platform ensures precise instrument matching, decreased method development time, and seamless method transfer.

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-1300 Chemical Rapid Liquid Analyzer**

XDS Laboratory Monochromator  
XDS Rapid Liquid Module  
Quartz cuvettes (0.5 mm, 1.0 mm, 2.0 mm, 4.0 mm, and 10 mm).  
Adaptor for standard (8mm dia) vials  
NIRStandards™ certified standards for performance monitoring  
1 wavelength standard (SRM 2035)  
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-1310 Pharmaceutical Rapid Liquid Analyzer**

XDS Laboratory Monochromator  
XDS Rapid Liquid Module  
Quartz cuvettes (0.5 mm, 1.0 mm, 2.0 mm, 4.0 mm, and 10 mm).  
Adaptor for standard (8mm dia) vials  
NIRStandards™ certified standards for performance monitoring and compliance with USP general chapter on NIR Spectrophotometry  
5 transmission standards (0.25A, 0.5A, 1A, 1.5A and 2.0A)  
1 wavelength standard (SRM 2035)  
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 21CFR Part 11 compliant software  
AutoVal® system life-cycle documentation generator for XDS Rapid Liquid Analyzer  
XDS Instrument operation and method development training (2 persons)

### **Accessory Description and Use**

<b>XC-1310</b>	<b>NIRStandards™ Certified Transmission Standards</b> Set of 5 certified photometric (0.25A, 0.5A, 1A, 1.5A, and 2A transmission) and certified wavelength (SRM 2035) standards.
<b>XI-1010</b>	<b>Instrument Performance Certification for XDS-NIR Rapid Liquid Analyzer</b> Semiannual certification performed on-site by certified engineer.
<b>XK-1000</b>	<b>XDS Spare Parts Kit</b> Consists of 2 lamps, fan filters, power supply fuses.
<b>XS-1100/ XS-1110</b>	<b>Vision® MC/Vision® MP</b> 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.
<b>XT-1010</b>	<b>Service Training</b> Instrument maintenance and service training for XDS NIR Analyzers.
<b>XV-2010</b>	<b>Vision® SP Validation Documentation on CD</b> Complete electronic set of all documents pertaining to the validation of Vision SP software.
<b>XV-2110</b>	<b>Vision® MP Validation Documentation on CD</b> Complete electronic set of all documents pertaining to the validation of Vision MP software.

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## Dedicated Analytical Solutions

FOSS NIRSystems, Inc.  
12101 Tech Road  
Silver Spring, MD 20904 USA

Tel 301-680-9600  
800-343-2036  
Fax 301-236-0134  
Email info@foss-nirsystems.com

XL-1300 DS 10/02

www.foss.dk

