

When you need everything...



Core Pharmaceutical Package

This comprehensive package includes a variable bandwidth Evolution™ 300 UV-Visible spectrophotometer with a computer workstation and everything you need for:

- Routine UV-Visible Analysis Methods
- Pharmacopeia and 21 CFR Part 11 Compliance
- Automated Performance Verification
- In-house Instrument Recalibration
- DQ/IQ/OQ/RQ Documentation

Add an accessory bundle for your advanced analysis needs.

Make it simple.

Upgrade to Worldwide Compliance

Includes all the tools you need to meet the regulatory requirements of the International Marketplace.

Add Installation (U.S. and Canada)

Includes installation of instrument and software by a trained service representative. Also includes a complete IQ/OQ for a vendor-certified installation and on-site instrument service.

Biopharm Accessory Bundle

Add biopharmaceutical capabilities including:

- Kinetics and Life Science Applications
- Peltier Temperature Control of multiple samples up to 100° C

**Optional New Traceable Nucleic Acid Standard Available.*



Kinetics Accessory Bundles

Add Single-Cell Kinetics and DNA Melting:

- Collect 50 data points per second
- Temperature ramping up to 110° C

Add Advanced Kinetics:

- Software module for parallel kinetics and inhibitor studies using Michaelis-Menton analysis
- Compare up to 7 samples against 7 unique references automatically

**Optional Rapid Mix Accessory Available*

Bundle it.

Instrument Package and Upgrades:

Core Pharmaceutical Package, Part Number COREPHARMA

- Evolution 300 UV-Visible Spectrophotometer – Double-beam, variable bandwidth instrument with long lifetime Xenon lamp
- Dell® PC - Desktop PC with Windows® XP
- VISIONsecurity™ – Comprehensive software suite allowing 21 CFR Compliance for electronic signatures and audit trails
- UV Validator – DQ/IQ/OQ/RQ documentation and guidance for PQ preparation for regulated laboratories
- Smart Calibration Validation Carousel (CVC) – Automated NIST/NPL-traceable Performance Verification in compliance with the USP
- Mercury Lamp Accessory – USP/EP recommended primary standard for Wavelength Accuracy
- 2 Standard Cuvettes – Set of matched quartz cuvettes for accurate UV and visible measurements

Installation Upgrade (Available in the U.S. and Canada), Part Number COREINSTALL

- Instrument Installation - Includes on-site certified installation, initial IQ/OQ of system, and training by a trained service professional
- On-site service of the instrument for one year
- Includes Core Pharmaceutical Package

Worldwide Compliance Upgrade, Part Number CORETOWW

- Toluene in Hexane Solution Standard – NIST-traceable standard for resolution, as specified in EP
- Potassium Dichromate Solution (600 mg/mL) in Perchloric Acid Standard – Recommended standard for photometric accuracy at 430 nm in EP section 2.2.25
- Potassium Chloride Solution – NIST-traceable standard for stray light, as recommended by EP

Worldwide Compliance Plus Installation Upgrade, Part Number COREWINSTALL

- Includes the Core Pharmaceutical Package with worldwide compliance and installation upgrades

Accessory Bundles:

Biopharm Accessory Bundle, Part Number BPACCSY

- Peltier Thermostatted 8-Cell Changer – Automates analysis and controls temperature from 0° to 100° C for up to 8 samples with variable stirring
- VISIONlife™ Software – Perform sophisticated kinetics reactions – including parallel kinetics on up to 16 samples
- Temperature Probe – Monitors and records temperature of sample and reference samples throughout analysis
- 4 Semi-micro Cuvettes – Matched 4 mm wide quartz semi-micro cuvettes for accurate UV-Visible measurements

Single-cell Kinetics/DNA Melting Bundle, Part Number SSKACCSY

- Smart Peltier Thermostatted Single-Cell Holder – Controls the temperature of your sample from 5° to 110° C
- VISIONlife Software – Sophisticated enzyme kinetics and DNA melting assays with programmable temperature ramping
- Temperature Probe – Monitors and records temperature of sample and reference samples
- 2 Semi-micro Cuvettes – Matched 4 mm wide quartz semi-micro cuvettes for accurate UV-Visible measurements

Advanced Kinetics Bundle, Part Number ADVKACCSY

- 2 Smart Thermostatted Rotary 7-Cell Changers – Allows analysis of 7 samples against 7 unique references with liquid temperature control
- VISIONlife Software – Adds the capability to perform sophisticated kinetics assays
- 2 Temperature Probes – Monitors and records temperature of sample and reference position samples throughout analysis
- TPS-1500W Sealed Peltier Recirculator – Provides precise and accurate temperature control performance in a closed environment with no maintenance required
- 4 Semi-micro Cuvettes – Matched 4 mm wide quartz semi-micro cuvettes for accurate UV-Visible measurements

Optional Accessory Add-ons:

- Nucleic Acid Standard, Part Number 268-831300 – Sealed standard with certified absorbance at 260 and 280 nm
- Rapid Mix Accessory, Part Number 222-234300 – Measure millisecond reactions with temperature control

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