

UVIKON XS/XL Accessories

Overview

Exclusive Quick Lock

Allows easy and fast accessories insertion in the sample compartment without tools in a matter of seconds, Exclusive UVIKON patented technology with 3-point positioning for repeatability. Available on all UVIKON accessories



Standard Cell Holder

Exclusive UVIKON technology. Holds 10 mm sample and reference cells. Water bath connectors for thermostating. Compatible with UVIKON XS, XL and 900 series



Magnetic Stirring Device

Exclusive UVIKON technology. Dual stirrer for sample and reference. Adjustable speed. Mounts under standard UVIKON cell holders, Compatible with UVIKON XS, XL and 900 series

6+6 Cell Changer

Exclusive UVIKON technology. Manual or automatic operation. Allows simultaneous monitoring of multiple enzyme assays up to 10 reactions. Thermostatable with Thermopack. Compatible with UVIKON XS, XL and 900 series



Automatic Sipper System

Exclusive UVIKON technology; Automatic sipping with sample return and rinse modes. User-selectable flow cells. Accurate peristaltic pump with quick tube fixing, Water bath connections



THERMOPACK

External circulation water bath 20-60°C. Peltier Temperature control. Temperature accuracy +/- 0.15°C. Connects to UVIKON thermostatable cell holders



THERMOSYSTEM

Combines temperature control module and automatic cell changer. Temperature range 0-100°C. Accuracy +/- 0.2°C. Heating and cooling ramps

6+6 Thermoregulated cell Changer

Exclusive UVIKON technology. Designed for Therosystem. Monitors simultaneously multiple enzyme assays up to 10 reactions. Ideal for DNA melting determination. Stirring device



Integrating Sphere

Transmission and reflection working modes; Solid and liquid samples. Wavelength range 200 to 850 nm.
For UVIKON XL only



Specifications

Thermopack	
Principle	Peltier effect for heating and cooling with liquid circulation
Temperature range	20°C - 60°C
Temperature accuracy	Better than $\pm 0.15^\circ\text{C}$
Temperature stability	$\pm 0.1^\circ\text{C}$ from 20°C to 60°C
Temperature precision	$\pm 0.1^\circ\text{C}$ from 20°C to 60°C
Safety features Holmium Oxide Filter	Liquid level alarm, system alarm
Manual control 200-800 nm, 2 nm, 200 nm/min	Set temperature, display of set and actual temperature
External control Nal, 220 nm	RS232 as standard
Dimensions (mm)	195 x 280 x 445, W x H x D
Weight	14 kg
Power	115/120 V or 220/240 V $\pm 10\%$, 50/60 Hz, 120 VAC
Note: Specifications are for an ambient temperature range from 15°C to 25°C	
Therosystem	
Keyboard/Display Unit	Two line LCD status display showing set and actual temperature. Programmable parameters are displayed via easily accessible menus. Function and arrow access various functions and change parameter settings.
Programmable Parameters	Sample and Reference Holder Temperatures
Temperature range	0°C - 100°C
Temperature increment	0.1°C
Temperature accuracy	Better than $\pm 0.2^\circ\text{C}$
Temperature stability	Better than $\pm 0.1^\circ\text{C}$
Temperature precision	Better than $\pm 0.1^\circ\text{C}$
Ramping speed from 0°C to 100°C	< 15 min.
Ramping speed from 30°C to 75°C	< 5 min.
Ramping speed from 80°C to 25°C	< 6 min.
12 Position Stirrer	Variable stirring speed for all 12 positions

External control Nal, 220 nm	RS232 as standard
Dimensions (mm)	180 x 195 x 500, W x H x D, Controller
Weight	9 kg
Power	115/120 V or 220/240 V \pm 10% (factory setting 220/240 V), 50/60 Hz, 300 VA
Note: All performance specifications are for an ambient temperature of 25°C	
All specifications may be subject to change for technical reasons.	

Ordering Information

91-00580	Double Magnetic stirrer accessory (variable speed)
91-00616	Magnetic stirring bars (x5), size: 8 x 3 mm
91-00606	Quick-Lock cell holder for cells up to 20 mm pathlength, water thermostatable
91-00610	Thermostation fluid connection block
91-00601	Quick-Lock long path rectangular cell holder for cells up to 100 mm pathlength
91-00603	Quick-Lock long path cylindrical cell holder for cells up to 100 mm pathlength
91-00624	Quick-Lock solid sample holder
91-00586	Quick-Lock automatic/manual cell changer, water thermostatable. Modes [6+6]-[6+1]-[2(5+1)]
91-00607	Temperature sensor for cell holder
91-00608	Inert glass miniaturised temperature sensor for cell content
91-91465	ThermoPack Peltier thermoregulated bath from 20 to 60°C
91-91637	ThermoSystem Peltier thermoregulated 6x6 cell changer 0 to 100°C and 12 position Stirrer
91-91671	Peristaltic sipper thermostatable (requires one circulation cell)
H-176703	x1 standard quartz flow cell for sipper volume 160 μ l, 10 mm pathlength, Z 15 mm
91-91672	Integrating Sphere, 200-850 nm, diameter 63,5 mm, Photomultiplier R928
91-91673	Non-calibrated Spectralon reflectance standard
91-91274	Calibrated Spectralon reflectance standard
91-91262	1" Diameter cone-type light trap
91-91268	Powder and cream cell holder
96-90275	Pre-adjusted halogen lamp for UVIKON XS or XL
96-90297	Pre-adjusted deuterium lamp for UVIKON XS or XL