

autoSCAN[®]-4 Technical Specifications and Installation Requirements



Physical

Dimensions	10" H x 19" W x 23" D
Weight	40 lbs.
Power cord length	6'5"
Cable to computer length	8'5"
Digital interface	RS-232C (9600 baud)
AC power plug type	5-15P

Power

Line voltage	105/115/230 VAC \pm 10 %
Line frequency	60/50 Hz \pm 10 %
Line current	2.00A max. (115V), 1.25A max. (230V)
Heat generation	630 BTU/HR
	Optional Uninterruptible Power Supply (UPS) available

Optical System

General	Abridged filter photometer with six interference filters (wavelengths in nanometers: 440, 470, 505, 560, 590, 620), 96-channel fiber optics harness
Light source	Tungsten-halogen lamp, 3500 hours
Spectral bandwidth	10 nm

Analyzer

System panel capacity	1 panel/reading
Read time	Less than 5 seconds

Safety Requirements

Ground impedance	0.1 ohms max.
Dielectric withstand voltage	No dielectric breakdown (@ 1000 VAC 60 Hz for 1 minute)
Power cord	3-conductor, 16 AWG industrial grade SJT
Overcurrent interrupter	1.60A (115V), .80A (220V)
Leakage current	Less than 500 μ A

autoSCAN-4 Microbiology System

Answers for life.

SIEMENS

Safety Compliance

The autoSCAN-4 instrument has been designed and tested to comply with safety standards UL3101-1, CSA C22.2#1010.1 and EN61010-1 under the following environmental conditions:

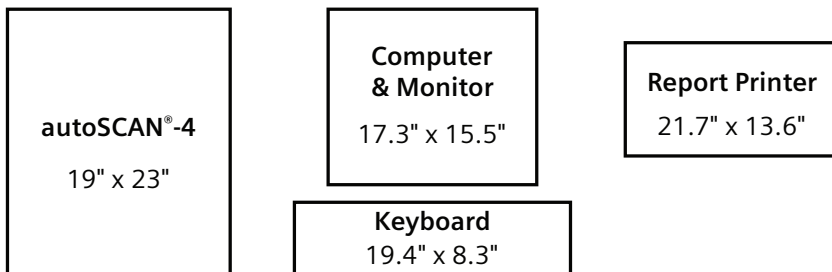
Temperature	5 °C (41 °F) to 40 °C (104 °F)
Humidity	Max. 80% at 31 °C (88 °F) to 50% at 40 °C (104 °F)
Altitude	Max. 2000 m. (6,561 ft.)
Main supply	115/230 VAC, 50/60 Hz, 230 W max.
Overvoltage category	Category II, connected to a branch circuit
Pollution degree	Degree 2, normal indoor laboratory environment. Air contains only non-conductive pollutants with occasional condensation

Emission Compliance

The autoSCAN-4 instrument has been designed and tested to comply with standard EN61326.

Product and Peripheral Equipment Dimensions

Specifications are for autoSCAN-4 instrumentation only and do not include peripheral equipment. Dimensions for peripheral equipment are informational only and may change without notice.



autoSCAN®-4 and all associated marks are trademarks of Siemens Healthcare Diagnostics Inc. All other trademarks and brands are the property of their respective owners. Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

Siemens Global Headquarters

Siemens AG
Wittelsbacherplatz 2
80333 Muenchen
Germany

Global Siemens Healthcare Headquarters

Siemens AG
Healthcare Sector
Henkestrasse 127
91052 Erlangen, Germany
Telephone: +49 9131 84 - 0
www.siemens.com/healthcare

Global Division

Siemens Healthcare Diagnostics Inc.
1717 Deerfield Road
Deerfield, IL 60015-0778
USA
www.siemens.com/diagnostics

www.siemens.com/diagnostics