

System Specifications

Dimensions The following tables list the footprint and the weight of the instrument with the 96–Well or 60–Well sample block module.

Footprint (With Sample Block Module Installed)

Height	26 cm (10 in)
Width	28 cm (11 in)
Depth	41 cm (16 in)

Note You must provide sufficient space around the instrument for unrestricted air circulation.

Weight

Base Module	8.6 kg (19 lbs)
96-Well Gold/Aluminum Sample Block Modules	3.2 kg (7 lbs)

Note See the sample block module user's manual for physical information on a module.

Power Configurations There is one version of the instrument. The power requirements of the instrument under various power configurations are:

VAC ~100/120	8 AMP T (5x20 mm) or 8 AMP Slow Blow (3 AB)	50/60 Hz Use 250 V fuses
VAC ~220/230/240	8 AMP T (5x20 mm)	Max Power 725 VA

Electrical Requirements **IMPORTANT** You must be able to disconnect the main power supply to the instrument immediately if necessary.

The following table specifies the electrical operating range for the instrument in various parts of the world. Select appropriate fuse configuration based on the voltage used.

⚠ WARNING In Japan, the unit must have a dedicated 220-volt outlet! The unit will not operate properly with a 100-volt outlet.

Location	Voltage (VAC) ^a	Frequency	Amperage (A) Nominal
Japan	220 ±10%	50/60 Hz ±1%	3.16
USA/Canada	120 ±10%	50/60 Hz ±1%	4.20
Europe (pre-1992)	220 ±10%	50/60 Hz ±1%	3.16
EC	230 ±10%	50/60 Hz ±1%	3.14
UK (pre-1992)	240 +6%/–10%	50/60 Hz ±1%	3.12
Australia	240 +6%/–10%	50/60 Hz ±1%	3.12

a. Acceptable AC line voltage tolerances: 100, 120, 220, 230 ±10%; 240 VAC +6%/–10%, 50/60 Hz ± 1%.

Note The Volt-Amp number for this instrument is 725Volt Amps.

Control Panel Specifications

Display Screen The display screen is a 7 x 40 character display with a graphics mode of 60 x 240 pixel resolution.

Keys The instrument control panel consists of a display screen and 22 keys. The keys are:

- ◆ Function keys
- ◆ Arrow keys
- ◆ Stop key
- ◆ Enter key
- ◆ 10 number keypad

Sample Temperature Information

Temperature The following table lists sample temperature information.

Note Sample temperatures are displayed in degrees Celsius to the nearest 0.1 °C.

Sample Temperature Range	4.0 to 99.9 °C.
Temperature Calibration	Traceable to National Institute of Standards and Technology (NIST).

Printer Specifications

Serial Interface Board Specifications The instrument can use any printer with a serial (RS-232C) interface board with the following parameters.

Baud Rate	9600
Parity	NONE
Data Bits	8
Stop Bits	1

Cable Part Number Connect the printer to the Instrument port with printer cable part number N805-1326.
