

MicroScan WalkAway *plus* SYSTEM

WalkAway *plus* SYSTEM TECHNICAL SPECIFICATIONS AND REQUIREMENTS



PHYSICAL

WalkAway-40 <i>plus</i>	29" H x 38.5" W x 34" D x 375 lbs.
WalkAway-96 <i>plus</i>	37" H x 38.5" W x 34" D x 400 lbs.
Color	Two-tone gray with green trim
Interface connector	Serial interface connector (2): daisy chained RS 232. "In" port toward computer, "out" port away from computer

POWER REQUIREMENTS

Line voltage	100V/120V/220V/230V/240V AC selected by internal jumpers
Line frequency	50/60 Hz $\pm$ 5%
Line current	9A (nominal), 11A (maximum) for 100/120 VAC operation; 4.5A (nominal), 5.5A (maximum) for 220/230/240 VAC operation
Power loss protection	Circuitry provided to ensure fail-safe operation; power interruption will not result in a hazard; automatic restart
Heat generation	3400 BTU/hr

RECOMMENDED LABORATORY ENVIRONMENTAL CONDITIONS

Temperature (operating)	15° to 27° C
Humidity	30% to 80% RH (no condensation)

SAFETY REQUIREMENTS

Ground impedance	0.1 Ohms (Max.)
Dielectric withstand voltage	No Dielectric Breakdown (at 1400 VDC, for 1 minute)
Leakage current	< 0.5 mA
Removable power cord	3-conductor, 14 AWG (100/120V) 3-conductor, 16 AWG (220/230/240V)
Interlocks	Provided on panel access door, reagent dispense drawer and service hatch
Power Plug	NEMA Type 5-15P/IEC 60320 type C14
Standards	Certified to conform to UL STD 61010-1 (second edition), CAN/CSA STD C22.2 Nos. 61010-1 (2004), 61010-2-081 (2004), 61010-2-101 (2004), ISO 9000, CE, IVDD, EMC STDs IEC61326- 1:2005-12, and IEC61326-2-6:2005-12

OVERCURRENT PROTECTION

Fusing

Primary fuses F1 and F2, IEC
(5 X 20 mm size) time lag/slow blow type,
250V rated, 12A (100/120V)/
6.3A (220/230/240V)

Light Source

Tungsten-halogen lamp,
50 watt, 12 volts

Tungsten-halogen lamp, TL 21/2,
15 watt, 10.5 volts

DISPLAY

2-line, 20-character alphanumeric
vacuum fluorescence display.

TEMPERATURE CONTROL

Set by computer at 35° C ± 1° C)

BAR CODE

Code 39 Standard Conformance

PERFORMANCE

Panel Capacity for WalkAway-40 *plus* System

40 MicroScan panels with 96 wells
each of any type compatible with the
incubator environment; up to eight panel
towers with five panels each.

Panel Capacity for WalkAway-96 *plus* System

96 MicroScan panels with 96 wells
each of any type compatible with the
incubator environment; up to eight panel
towers with 12 panels each.

Incubation Temperature Stability

±1° C

Reagent Type Capacity

10 reagents total

Reagent Dispense Volume (µl)

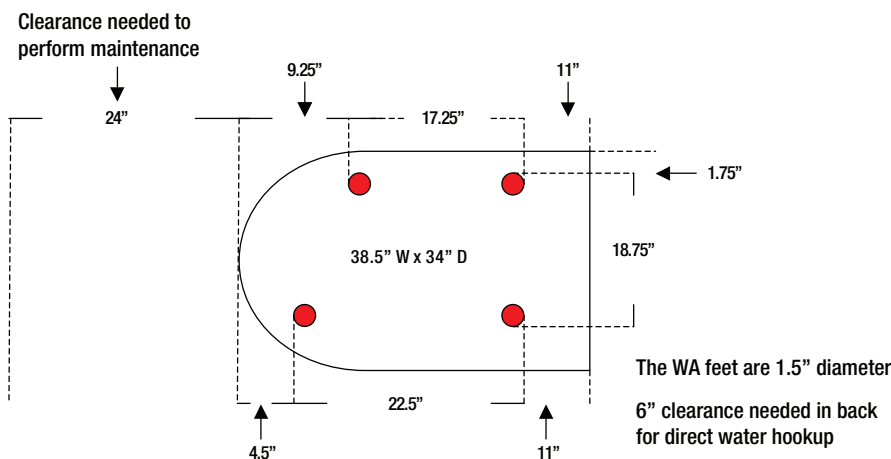
15 to 75, depending on reagent dispensed

Oil Dispense Volume (µl)

60 to 150

Operator Interface

Front panel controls and PC keyboard,
monitor, and LabPro software



Information contained herein applies only to the WalkAway *plus* instrument and not to the LabPro computer system or printers. Specifications are for WalkAway *plus* instrumentation only and do not reflect current peripheral equipment.

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