



WELLS JOHNSON COMPANY

Your Source for Innovation and New Technology!

USER MANUAL



NON-TOUCH VOLUME MONITOR

20-6161-00 (110V)

20-6162-00 (220V)

8000 S Kolb Road, Tucson AZ 85756
toll 800-528-1597 direct 520-298-6069 fax 520-885-1189
sales@wellsgrp.com

www.wellsgrp.com

THIS MONITOR IS AN ACCESSORY TO THE WELLS JOHNSON INFUSION SYSTEM

CHECK LIST

Non-Touch Volume Monitor (1)

Power Supply with 6 ft Cord (1)

12 ft extension cord (1)

12 ft extension cord



monitor

power supply

SPECIFICATIONS

Capacity	3400cc
Resolution	1cc
Accuracy	± 0.5% reading
Weighing Units	cubic centimeters
Calibration Weight	3000g (3kg)
Scale Dimensions	10.5 x 3.34 x 2.34"
Power External Plug	9V-1A and 2 AA Li-Ion Rechargeable Batteries (included)
Warranty	1 year

WARNINGS:

DO NOT DROP THE SCALE ON THE BOTTOM HOOK.

DO NOT HANG MORE THAN MAXIMUM CAPACITY.

This is a sensitive precision instrument and excessive forces on the measurement components will cause permanent damage. (Must be returned to WJ for recalibration if dropped)

Getting Started

1) Hang monitor on IV pole

*For use without power cord, move to "Operating Instructions"



2) Make sure the switch in the back is in the OFF position



3A) Wrap the power cord around the IV pole and drape the power cord over the top of the IV pole.....



Getting Started - continued

3B) ...then plug it into the back of the monitor and into wall socket

*not draping the cord may cause inaccurate readings due to extra weight and torque

3C) Rechargeable batteries come with the scale and the scale can operate up to 4 hours without being plugged in

*****CAUTION:**

The scale must not face any window unless the window is covered.



Operating Instructions

4) Turn ON the monitor using the switch in the back, allow time for monitor to start and display the screen below



Operating Instructions - continued

5) Hang an IV bag on the bottom hook gently and allow a few seconds for it to settle.

Take precaution when hanging IV bag as moving anything within 6 inches of sensor will give inaccurate readings.



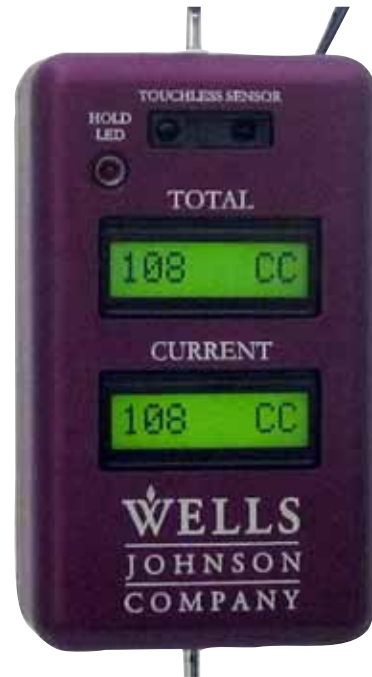
6) Swipe your hand past the sensor once and both displays will read zero.

*swipe within 3 inches of sensor

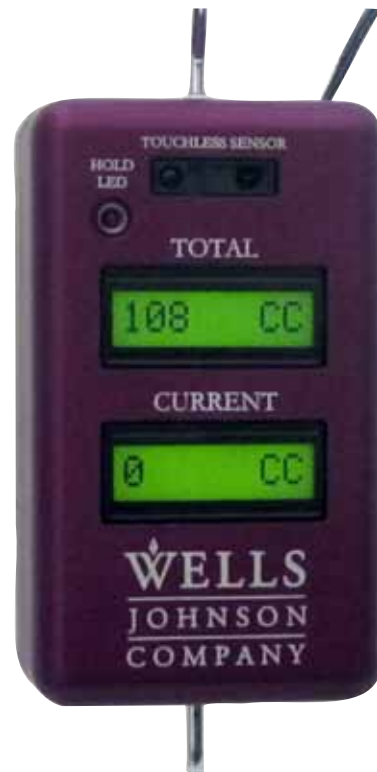


Operating Instructions - continued

7) You are now ready for infiltration



8) Swipe the sensor at any time to record the reading and zero the bottom display



Operating Instructions - continued

9) Once the bag is empty, swipe to put the monitor on HOLD, the red LED will illuminate as shown



10) Remove empty bag and hang full one



Operating Instructions - continued

11) Once bag is steady, swipe and bottom display will show zero and the top display will show the previous amount used



12) Resume infiltration by repeating steps 7-11



TIPS AND TROUBLESHOOTING

****If you want to clear top display of stored data, power OFF the scale then power ON.***

****Partial Bag Change: To change a bag before all the fuilid is used, you must record the TOTAL amount and reset the device. Follow normal procedure for new bag.***

****If scale is empty and bottom display does not show zero when first turned on, then a simple recalibration is required. Follow these steps:***

1. Hang scale from the IV Pole with power OFF.
2. Power ON with hand slightly moving in front of IR sensor until both screens go blank.
Immediately move hand away from the IR Sensor.
3. Make sure the scale has no weight hanging and is in a still position. Swipe and you will see message “zero cal passed”. Immediately power OFF.
4. Power ON normally and the scale will now show zero before any weight is hung.

MAXIMIZING THE LIFE AND ACCURACY OF THE SCALE

A) DO NOT overload the scale.

Normal operating range is up to 3200cc.

B) Apply loads that pull directly down.

Do not twist, push sideways or push upwards on the bottom hook.

C) It is recommended that weight only be hung on scale when ready to use.

Hanging weight on the scale over long periods of time will cause inaccuracies.

D) Remove weight from scale when finished.

E) Fill the tubing with fluid before turning on the scale.

MAINTENANCE

A) Cleaning: Gently wipe down with soapy water only. Then dry before use, DO NOT SUBMERGE.

B) Return to Wells Johnson for Calibration once a year.



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Federal law restricts this device to sale by or on the order of a physician.

For Technical Assistance call: 1-800-528-1597

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