

WoundSense™



Ohmedics

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1. Information about your WoundSense Meter

The WoundSense Meter is a meter, supplied by Ohmedics Ltd, which is used in conjunction with the WoundSense LV or SV disposable sensors to monitor moisture levels within wound dressings without disturbing the dressing. The unit has a large display where the results of the moisture reading will be displayed as graphical symbols to enable the user to identify the level of moisture in the wound dressing. Moisture levels are displayed in one of five bands (Dry, Dry to Moist, Moist, Moist to Wet, Wet). These bands are designed to help you make decisions about wound dressing changes within your own wound care protocol.

Before you use the meter you should read and understand the instructions about how to apply the WoundSense LV or SV sensor within a wound dressing. These instructions can be found in every box of LV or SV sensors.

The remainder of this instruction list details how to use the meter to read the moisture from the LV or SV sensor when it is in a wound dressing.

2. Getting started

Ohmedics has developed and tested your WoundSense meter and the disposable sensors to provide moisture status readings that are useful in wound management protocols.

Items included in the pack :

2.1 Instruction Manual



2.2 Meter Pouch



2.3 WoundSense Meter



2.4 WoundSense Cables



3.0 WoundSense Functions

Figure 1 below shows the key items on the WoundSense meter

Fig 1: WoundSense Meter



Display Screen

Displays the wound moisture reading & meter status

ON button

Colour Coded Bar

**Fig 2:
End
panel**



Disposable Connectors

Leads to be connected here



Lead Connectors

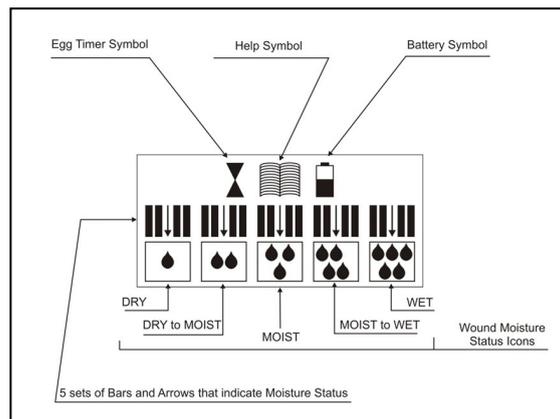
Plug into meter

Alligators Clips
Connect to the Disposable Sensors

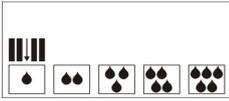
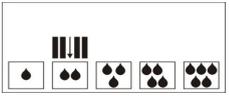
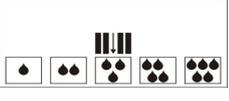
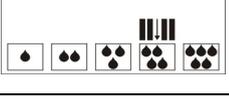
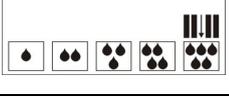
Fig3: WoundSense Leads

4.0 WoundSense Meter Display

The diagram below shows the symbols that will appear on start up on the WoundSense meter. These symbols are further explained in this section.



Help Symbol		Appears when error occurs (see error list below)
Battery Symbol		Appears when you should replace the battery
Egg Timer Symbol		Appears on switch ON after Logo & the full screen display, and when waiting for data from the meter
Arrows		During a reading the arrow will appear to indicate which of the five moisture states is being detected by the sensor in the wound dressing. All of the arrows appear briefly on power up of the meter.

Wound Moisture Status Icons		These are the five different levels of Moisture measured within the wound and are explained below.
Wound Moisture Status Icons	DRY An arrow over the single drop icon indicates that the wound is dry	
	DRY to MOIST An arrow over the two drops icon indicates that the wound is dry- to- moist	
	MOIST An arrow over the three drops icon indicates that the wound is moist	
	MOIST to WET An arrow over the four drops icon indicates that the wound is moist to wet.	
	WET An arrow over the five drops icon indicates that the wound is wet.	

5.0 Using the WoundSense Meter to check the moisture level

Note: The Ohmedics WoundSense meter must only be use with Ohmedics Disposable Sensors known as WoundSense LV or WoundSense SV.

- a. Take the WoundSense Meter out of the protective pouch
- b. Connect the WoundSense Leads into the disposable connector on the side of the meter (see Figure 2).

- c. Take the two clips on the WoundSense leads (Figure 3) and clip one over each of the two silver, rectangular connector pads at the end of the connector tags on the disposable sensors (see instructions for use for WoundSense LV & SV)
- d. Power up the meter by pressing the ON switch on the front panel (Figure 1 shows the ON button)
- e. The Meter screen will go through a quick sequence of display (see section 7 for details). After 30 seconds approximately, the arrow will point to one of the bands indicating the moisture level at the sensor in the wound dressing
- f. Record the moisture level displayed
- g. Disconnect the two clips of the WoundSense leads from the disposable sensor tags. Fold and cover the WoundSense connector tags at the dressing with surgical tape or tuck into bandage (consult WoundSense LV or SV instructions for use)
- h. The meter will turn itself OFF after approximately two minutes.
- i. Use the moisture readings from the meter to aid your clinical decisions for the patient according to your wound management protocol.

Note: The meter or leads must never be left connected to the patient or the disposable sensor tags

6.0 Colour Coded Band



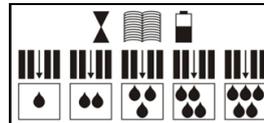
The colour coded band at the bottom of the display is a memory aid for those clinicians who aim to keep the wound in a moist condition for as much as possible of the healing cycle. Thus the green area reminds you that an arrow appearing above here shows the wound is moist (the THREE DROPS icon). The amber areas remind you that the wound still has some moisture but is becoming either a bit dry (the TWO DROPS icon) or a bit wet (the FOUR DROPS icon). The red areas remind you that an arrow appearing above here indicates that the wound has become dry (the ONE DROP icon) or WET (the FIVE DROPS icon)

7.0 Different Displays and Sequence

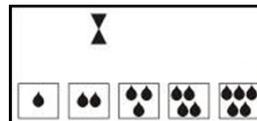
7.1 Ohmedics LOGO: This will come on after switch ON for couple of seconds



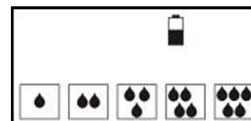
7.2 Full screen: This screen always appears after Ohmedics Logo when meter is first powered on so that you can be sure that the display is working properly



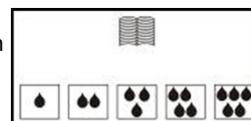
7.3 Egg Timer Icon: This icon will appear flashing when the meter is measuring / calculating the moisture level



7.4 Battery Icon: This icon will appear flashing when the battery needs to be replaced



7.5 Help Icon: This will appear when an error has occurred and you need to refer to this instruction manual. See Section 8 Possible Errors for further guidance on how to resolve problems with the meter



8.0 Possible Errors

Errors	Display	Possible Causes	Corrective action
No Power Up	Nothing displayed	Battery too low ON switch faulty Meter faulty	Change battery Contact supplier Contact supplier
Display blocked	Display will not change	Internal software error	Disconnect battery for 1 min then connect again
Egg timer keeps flashing for more than 20 secs	Egg timer flashing then Help Icon appears	Disposable Electrodes not connected	Ensure that Electrodes are properly connected
Battery Icon flashing	Flashing Battery	Battery voltage is low	Replace the battery
Help Book flashing	Flashing help book	Electrodes have not been connected for at least 30secs Other internal malfunction	Ensure that Electrodes are properly connected, try again Contact supplier
Unit does not turn itself OFF	Display does not go off after 2 minutes	Internal software error	Disconnect battery for 1 min then connect again

9.0 Caring for your WoundSense Meter:

- To replace the battery, use a suitable screw driver to open the flap at the back of the meter. Replace old battery with a new Alkaline PP3 battery then close the battery compartment using the screw provided.
- Store the meter in the carrying pouch after each use
- Avoid getting dirt, dust, liquids or any other substances on the meter.
- To clean the outside of the meter use an alcohol wipe.

Important:

Avoid getting water or any other liquid into the meter.

Never immerse the meter in water or any other liquid solution

WoundSense LV is a product of Ohmedics Ltd, 50 Richmond Street, Glasgow G1 1XP, Scotland, UK. E-mail info@ohmedics.com
Version 1.1, August 2011



