CSM Dispenser

User Manual

Danmeter A/S
Kildemosevej 13, DK-5000 Odense C, Denmark
Tel.: +45 63 11 29 30
Fax: +45 63 11 29 31
e-mail: info@danmeter.dk
www.danmeter.dk

CE 0543

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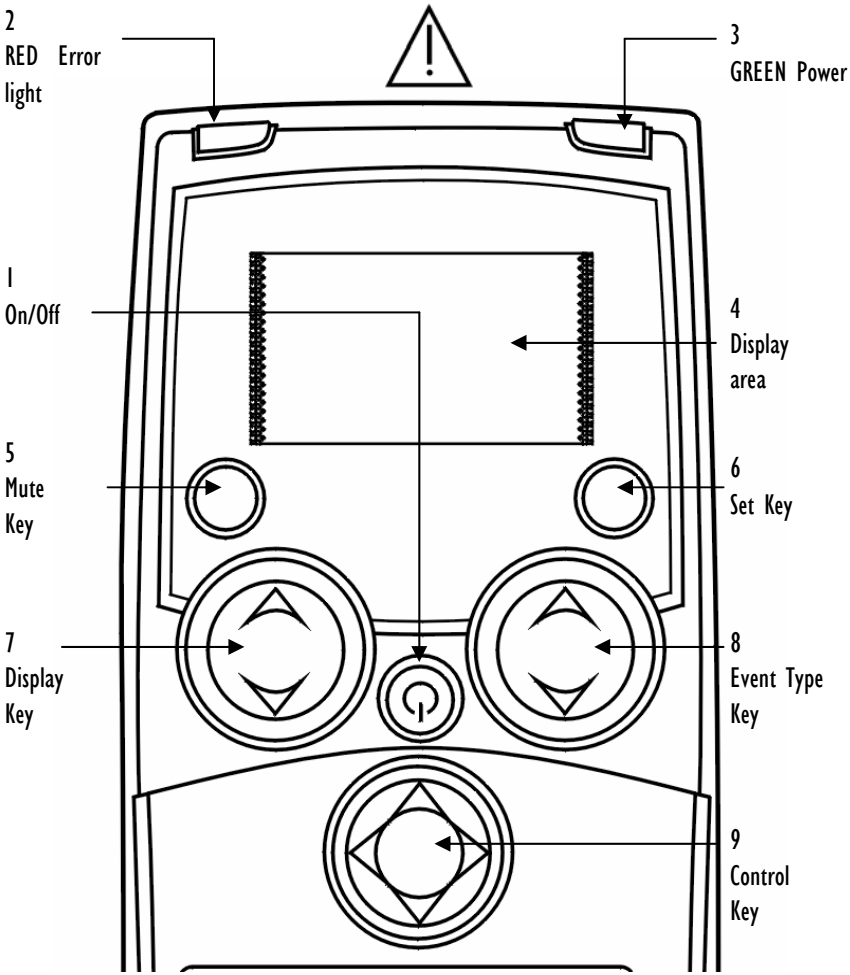
1 About this Manual

This manual is intended to assist the user in refilling CSM sessions to the Cerebral State Monitor (CSM) and the CSM Dispenser in a safe and efficient manner.

2 Overview of the CSM Dispenser

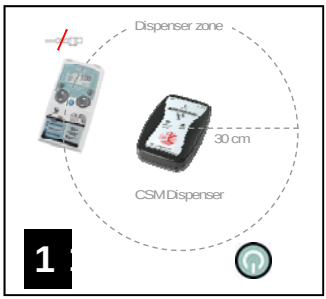
3 Overview of the CSM Monitor



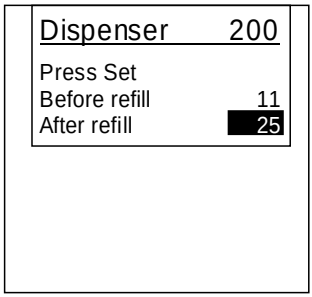
4 Session information

4.1 Information on sessions left in the CSM Dispenser

The No. of sessions left in the CSM Dispenser can be checked by placing a CSM (switched on and without cable) within the Dispenser zone.



The CSM Display will show (example):



“Dispenser” showing the actual No. of sessions left in the CSM Dispenser (In this example 200).

4.2 Reorder indicator

When the reorder indicator starts flashing new sessions should be ordered.

4.3 How to order a Session Code

Please have the following information ready before contacting your supplier.

Serial No. of the CSM Dispenser
No. of sessions required

4.4 Receiving Session Code

When you receive a session Code for the CSM Dispenser it is accompanied by a package of CSM Procedure Packs that equals the No. of sessions ordered as well as the following information:

Serial No.	Indicates which device the Session Code belongs to. A Session Code can only be used with the device in question.
No. of Sessions	States how many new sessions the Session Code gives access to when entered.
ID	Sequential No. used to identify the Session Code.
Session Code	States the Session Code to be entered in the CSM Dispenser.

5 Refill the CSM Monitor

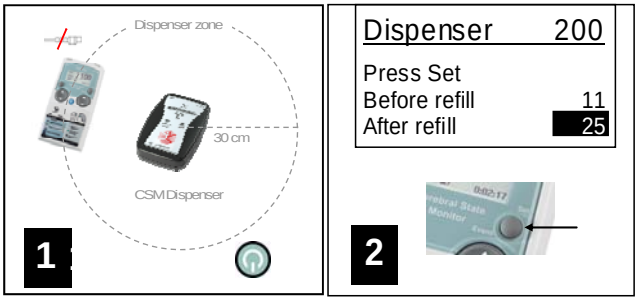
5.1 Refilling the CSM Monitor from the CSM Dispenser

The No. of sessions in the CSM Dispenser can freely be distributed among a pool of CSM Monitors.

Place the CSM to be refilled next to the CSM Dispenser (in the Dispenser zone).
Turn on the CSM (without patient cable).
The CSM suggest refill up to N (default N = 25) sessions.
The difference in sessions between N and actual sessions left are loaded from the CSM Dispenser to the CSM monitor.

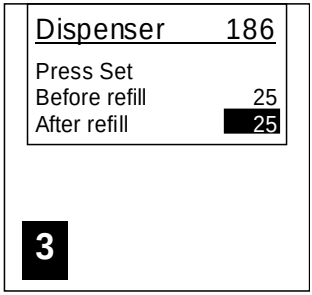
Example

Place the CSM monitor in the CSM Dispenser zone, turn on the CSM and follow the 2 steps shown below:



Dispenser: actual No. of sessions in the CSM Dispenser.
Before refill: actual No. of sessions in the CSM Monitor before refill.
After refill: actual No. of sessions in the CSM Monitor after refill.

Press Set Key (6) to refill up to 25 sessions



This means that 14 sessions are moved from the CSM Dispenser to the CSM Monitor.

5.2 Changing max. No. of sessions to load

Place the CSM Monitor in the CSM Dispenser zone.
Turn on the CSM (without cable).

Changing the Max number is chosen in the menu, Press Control Key (9):

The following screen will appear:

Dispenser xxxxx
Max number 25
Code

Dispenser: Actual No. of sessions in the CSM Dispenser
Max number: Max No. of sessions that can be loaded in a CSM Monitor.
Code: Code menu

Press Control Key (9b) to enter this option.
Use the up/down arrows of the Event Key (8) to change the max. number to the desired value.

Dispenser xxxxx
Max number 75
Code

Exit the screen and accept the new Max. number by pressing the Control Key (9) to the right.

Dispenser 03975
Before refill 10
After refill 75

Dispenser: Actual No. of sessions in the CSM Dispenser
Before refill: Actual No. of sessions in the CSM Monitor before refill
After refill: Actual No. of sessions in the CSM Monitor after refill

Press Set Key (6) to refill to 75 sessions

Dispenser	*03910*
Before refill	*75*
After refill	*75*

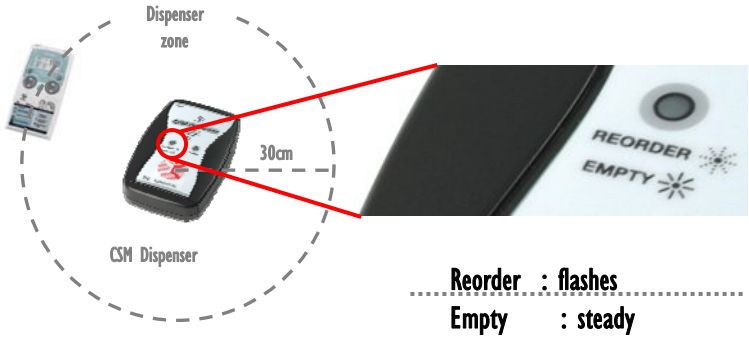
This means that 65 sessions are moved from the CSM Dispenser to the CSM Monitor.

6 Refill the CSM Dispenser

6.1 Refilling the CSM Dispenser from a CSM Monitor

Required refill of sessions is indicated on the CSM Dispenser as follows:

Indicator flashes: Predefined level of reorder reached
Indicator ON: Dispenser is empty



The Session Code must be entered in the CSM monitor within the Dispenser zone. The Code is automatically transferred to the CSM Dispenser, which is then updated with the Session Code information.

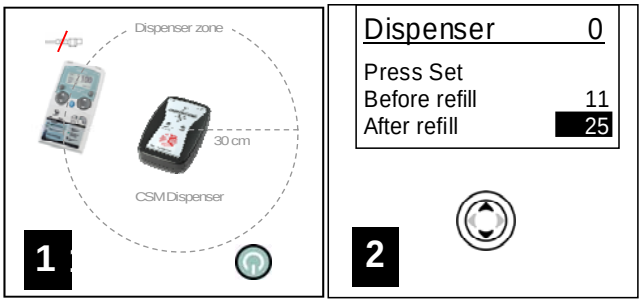
- Session Codes can only be used once

The No. of sessions in the CSM Dispenser can freely be distributed among a pool of CSM Monitors belonging to the account.

- The No. of sessions ordered by the Session Code is added to the CSM Dispenser

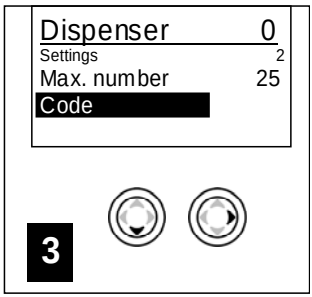
6.2 Refilling the CSM Dispenser (example)

Refill the CSM Dispenser with 400 sessions.
Place the CSM Monitor next to the CSM Dispenser (in the Dispenser zone) requiring refill.
Turn on the CSM (without patient cable).



Session Code is entered from the menu, Press Control Key (9):

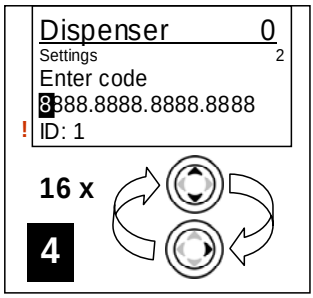
The following screen will appear:



Dispenser: Actual No. of sessions in the CSM Dispenser
Max number: Max No. of sessions that can be loaded to a CSM Monitor
Code: Code menu

Choose Code by pressing Control Key (9a).
Press Control Key (9b) to enter Session Code.

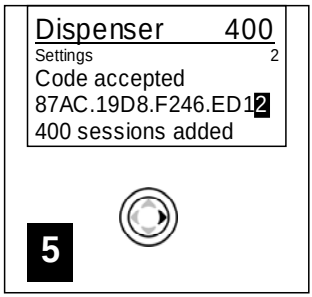
The following screen will appear:



Use the up/down arrows of the Control Key (9) to change the No./letter of the code.
Use right/left arrows of the Control Key (9) to go to next/previous No./letter.

When the Session Code has been entered, exit the screen and accept the Session code by pressing the Control Key (9) to the right.

The following screen will appear:



Should the Session code not be entered correct, one of the following messages will appear:

Check code	One or more No. /letters have been wrongly entered. Check the entire Session Code by comparing it with the Code received from you supplier.
Wrong SN	The Session Code is correct but it does not belong to this CSM Dispenser.
Wrong ID	The Session Code is correct but it is an already used Session Code.

The Session Code must be entered in a CSM Monitor within the Dispenser zone.
The CSM Dispenser is automatically updated with the Session Code information.
Note: the Session Code in the example is an invalid code.