

2008T OPTIONS CONFIGURATOR INSTRUCTIONS

Purpose:

The purpose of these instructions is to define the process of using the options configurator function to transfer settings between two or more 2008T machines using a standard USB flash drive (see Figure 1). The USB flash drive connects to 2008T machine's USB port on the right side of the display screen.

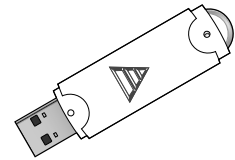


Figure 1

Software Prerequisite:

Functional board software must be version 2.34 or greater in order to use the Options Configurator.

The Functional software versions must match on both the machines using the Options Configurator. Transferring settings between different machine Functional software versions is not possible.

Required Tools:

Standard USB flash drive (P/N 365039-13)

Note: NTFS formatted drives are not compatible.

PROCEDURE

To transfer settings to a USB flash drive from a source machine:

1. Locate a fully configured source 2008T machine with the desired settings.
2. Power on the machine and enter Service Mode.
3. Select the **Options** screen-button then select the **Transfer Data** screen-button (see Figure 2).
4. Insert the USB flash drive into the USB port on the right side of the machine's display screen.
5. On the "Transfer Data" screen, select the **Transmit Data** button and press the **CONFIRM** key. The message "TRANSMITTING..." will be displayed. When the machine displays "SUCCESS, READY...", the data transfer to the USB flash drive is complete.

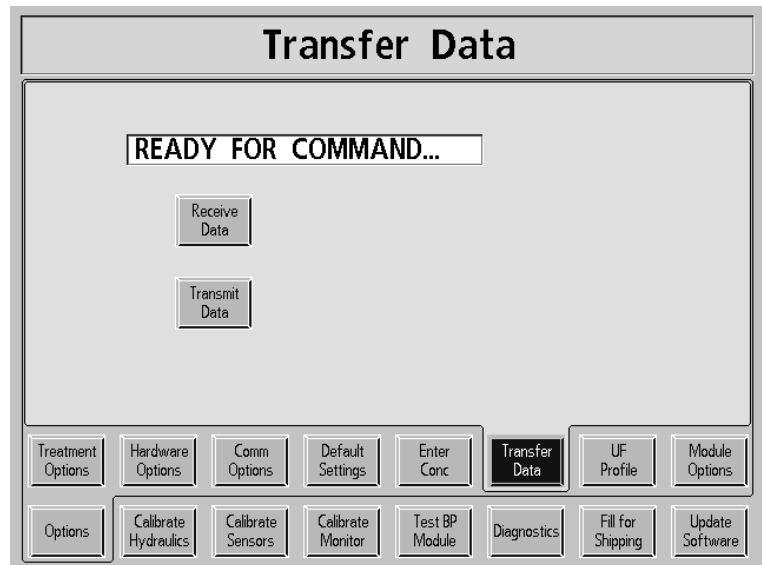


Figure 2



Note: If the message confirming a successful data transfer does not appear within 20 seconds, check the USB flash drive connection and repeat the process.

6. Remove the USB flash drive from the source machine and choose the target machine to which the settings will be transferred.

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To transfer settings from a USB flash drive to the target machine:

1. Power on the target 2008T machine and enter Service Mode.
2. Select the **Options** screen-button then select the **Transfer Data** screen-button (see Figure 2).
3. Locate the USB flash drive containing the new settings and insert it into the USB port on the right side of the target machine's display screen.
4. On the "Transfer Data" screen, select the **Receive Data** button and press the **CONFIRM** key. The message "RECEIVING..." will be displayed. When the machine displays "SUCCESS, READY...", the data transfer is complete.



Note: If the message confirming a successful data transfer does not appear within 20 seconds, check the USB flash drive connection and repeat the process.

5. Remove the USB flash drive from the machine. The settings on the USB flash drive may be transferred to another machine or over-written with a new data transfer.



Note: If the Options file is to be transferred to additional USB flash drives, the file must be placed in the root directory of the drive and titled *OPT[Functional software version].DAT* (for example, for version 2.34 Functional software, *OPT234.DAT*).

The following settings are transferred using the Options Configurator:

Treatment Options	Hardware Options	Communication Options	Default Settings	Enter Concentrate
Forced Test: Yes/No	Online PHT: Yes/No	PC Debug: Yes/No	Acid Clean Time	Customized concentrates (up to 10)
Spread Limits: Yes/No	Arterial Chamber	New Protocol: Yes/No	Heat Disinfect Time	Concentrate manufacturer (family)
Auto BP Reading: Clock/Interval	Diasafe Auto-test: Yes/No	Modem Commun: Yes/No	Chemical/Rinse Time	
Auto Flow Minimum: 300/500	Temp Comp.: Yes/No	CDX New Protocol: Yes/No	Chemical/Dwell Time	Settings in Dialysis Mode
Auto Flow Selection: None/1.5X/2X/Both	Audible Alarm: Yes/No		Ext. Pre-Rinse: Yes/No	Concentrate which is used in current session
Allow Slow Flow: Yes/No	T and C Mode: Yes/No	Module Options	Off after Heat Disin: Yes/No	Base Na+ value of 138 mEq/L
Heparin Dwell: Yes/No	O Art Limit: Yes/No	BTM : Yes/No	Rinse Time	Bicarbonate value of 38 mEq/L
Kt/V Tolerance: 0%/15%	Beacon: Alarm/FDS08/OLC/Status	Digital SN Blood Pump: Yes/No	Recirc Option: Yes/No	Conductivity Alarm Width of 1.0 mS/cm
Default Dial Flow: 500/800	Use CMS208K: Yes/No	BVM: Yes/No	Recirc Goal	Conductivity Alarm Position centered at TCD
SVS: Yes/No	Dialysate Sampling: Yes/No		Recirc Time	
Kt/V Default	OLC: Yes/No		Prime Amount	
Language	Diasafe Filter: Yes/No		Acid Alert Default	
Arterial Limits	Heparin Pump: Yes/No		Bic Alert Default	
Venous Limits			Max UF Rate	
Asymmetric Venous Limits				

Note: If the options are not correctly transferred, contact Fresenius Technical Support at 800-227-2572.