Sanitisation

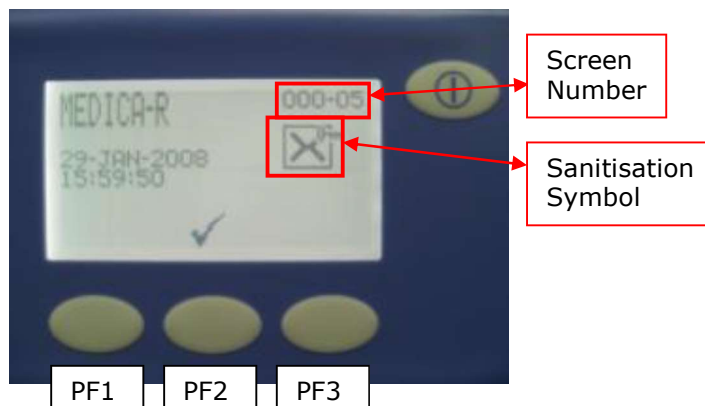**Note:** These instructions are not applicable to the USA

Sanitization Chemicals

During the sanitization of our products you may be required to handle chemicals such as Chlorine or Hydrogen Peroxide. Care should be taken to ensure the safety of yourself and others around you while using these chemicals. A material safety data sheet conforming to COSHH regulations is provided with the chemical, please read this carefully before carrying out the sanitization.

⚠️ **Safety goggles and gloves should be worn at all times while handling any chemical substance.**

The procedure for carrying out the sanitisation has been detailed in the following process tables. Each table contains a screen number to help to identify each stage of the sanitisation process, the location of the screen number has been detailed in the below picture.

The sanitisation process for the systems covered in this manual is carried out using ELGA CT3 tablets, if you would like to order these tablets please contact our sales team quoting the below part numbers.

Part Number	Description
CT3	Pack of 12 CT3 sanitisation tablets
CT3-50	Pack of 50 CT3 sanitisation tablets
CT3-300	6 x 50 CT3 sanitisation tablets

RO Sanitisation

Regular sanitisation is essential to maintain the integrity of the system, we recommend that this is carried out once every 6 months to maintain system performance.

The RO sanitisation process is the same on all of the systems covered by this manual. On the MEDICA Pro R / RE, PURELAB 7000 and CENTRA-R systems the RO sanitisation can be carried out while the system is in process mode, the unit will continue to recirculate the water from the tank around the loop.

Note: Make sure you have enough water in the product reservoir to maintain user requirements before selecting this method. If the reservoir does empty no water will be available until the RO sanitisation cycle is complete.

Process Table

Screen Number	Action
Not Applicable	Present Green sanitisation key
000-05	Press PF2 to enter the sanitisation screen
453	RO will be indicated on the screen, press PF2 to confirm
459	At this point you can cancel the sanitisation process by pressing PF1, if you wish to continue add 2 x CT3 tablets to the break tank and present the green sanitisation key to start the process.
460-01	The automatic sanitisation process is now starting
460-02	A 15 minute cycle will count down on the screen
460-03	A 15 minute cycle will count down on the screen
460-04	A 2 minute cycle will count down on the screen, if the water quality has not reached the set point* after 1 minute the counter will stop and wait until the quality has been reached before counting down the last minute. *the set point is the RO quality alarm setting in the main menu
458	The new sanitisation reminder date is displayed on the screen, press PF2 to confirm

Notes:

PURELAB / MEDICA / CENTRA LBP

RO and Recirculation Loop Sanitisation

This RO and recirculation loop sanitisation process is only applicable to MEDICA Pro R / RE, PURELAB 7000 and CENTRA R 60/120.

⚠ **Please ensure that all equipment connected to the loop is isolated before commencing the sanitisation.**

Process Table

Screen Number	Action
Not Applicable	Present Green sanitisation key
000-05	Press PF2 to enter the sanitisation screen
453	RO will be indicated on the screen, press PF1 to access the RO and loop sanitisation menu. This button is hidden as we do not recommend that it this procedure is carried out by operator.
453-02	Press PF2 to confirm or press PF1 to go back to the RO sanitisation screen
455	If the reservoir is above 14L the drain symbol will appear on the screen, press the process button to start draining the tank. This process will stop once the tank level is less than 5L. If the reservoir level is less than 14L, please go on to the next step.
456	At this point you can cancel the sanitisation process by pressing PF1. If you wish to continue add 2 x CT3 tablets to the break tank and 4 x CT3 tablets in the main reservoir, present the green sanitisation key to start the process.
460-01	The automatic sanitisation process is now starting
460-02	A 15 minute cycle will count down on the screen
460-03	A 15 minute cycle will count down on the screen
460-04	A 2 minute cycle will count down on the screen, if the water quality has not reached the set point* after 1 minute the counter will stop and wait until the quality has been reached before counting down the last minute. *the set point is the RO quality alarm setting in the main menu
457-02	The automatic sanitisation of the loop is now starting, the system carries out 10 cycles filling and emptying the reservoir while constantly recirculating the sanitant around the loop.
457-05	The system will keep recirculating until the water quality has reached 14MΩ.
458	The new sanitisation reminder date is displayed on the screen, press PF2 to confirm

Notes: