

XO[®] 4-2 / XO[®] 4-6

Configuration Guide

XO 4 is supplied from the factory with a specific user interface (factory default configuration).

You are free to alter the factory default configuration to fit your own personal needs.

Unit configuration using the “Configuration switch”:

(See figure 1)

A Configuration switch for configuring XO 4 is placed under the instrument bridge.

Configuration of the unit in general:

This is what you do:

1. Press the configuration switch while all instruments are in place
2. Activate **N** / **S** or pedal **D** to browse parameter to change
3. Activate **E** to select parameter to change
4. Use **R** / **L** to change value or **D** to increase or select value
5. Activate **W** to save new parameter
6. Press configuration switch again

Configuration of patient chair: 1, 2, Zero and Rinse Position

This is what you do:

(See figure 2)

1. Adjust the chair to required position with the joystick of the XO Foot Control towards **N**, **S**, **E** or **W** (all instruments in place).
2. Press the configuration switch within 8 seconds. The display will show “CHAIR”.
3. Activate the XO Joystick (figure 2) according to the position being configured (**E** = 1), (**W** = 2), (**S** = Rinse) or (2 times **S** within 1 second = Zero Position) after which an “OK” sound is heard.
4. The display will show the configured position shortly.

Configuration of instruments:

This is what you do:

(See figure 3)

1. Lift forward instrument to be programmed
2. Press configuration switch
3. Activate **N** / **S** or pedal **D** to browse parameter to change
4. Activate **E** to select parameter to change
5. Use **R** / **L** to change value or **D** to increase or select value
6. Move the joystick towards **W** to save new parameter
7. Return to 3 if additional parameters are to be configured – or proceed to 8
8. Place instrument on bridge again

NOTE:

Where two identical instruments have been installed (eg. 2 micro motors), the configured data will apply to both (eg. amount of spray water).



Figure 1: XO Configuration switch

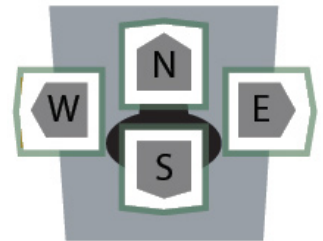


Figure 2: XO Joystick

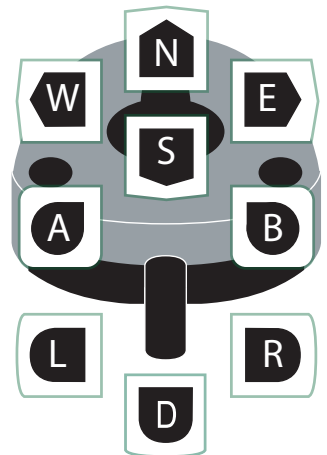


Figure 3: XO Foot Control

Configurable unit and instrument parameters

Parameter	Display text	Default setting	Possible settings
Peristaltic Pump select	PUMP	None	None, Susp 1 - 6
Cleaning of cuspidor valve	CUSP CL	Disabled	Enabled, Disabled
Cuspidor stops after	FLUSH/S	15 s	10 s – 600 s
Cupfiller stops after	CUP/S	10 s	5 s – 15 s
Cuspidor flush starts automatically when chair reaches rinse position	FLUSH/CH	Enabled	Enabled, Disabled
Cuspidor flush starts automatically when cup filler stops	FLUSH/CF	Enabled	Enabled, Disabled
Lamp switches on when chair reaches working position and off when the chair starts to move toward the rinse or Zero Position	LAMP/CH	Enabled	Enabled, Disabled
Control of Lamp with Foot Control pedal	LAMP/PD	Enabled	Enabled, Disabled
Reset unit & chair to factory default	RESET	-	Yes, No
RINSE = 0	RINSE = 0	Disabled	Enabled, Disabled

Table 1: List of configurable unit parameters.

Parameter	Display text	Factory default configuration	Possible settings
Micro Motor			
Max speed in LEVEL 3	LEVEL 3	40,000 RPM	100 – 40,000 RPM
Max speed in LEVEL 2	LEVEL 2	10,000 RPM	100 – 40,000 RPM
Max speed in LEVEL 1	LEVEL 1	4,000 RPM	100 – 40,000 RPM
Amount of spray water in LEVEL 3	W LEVEL 3	100 ml/min	10 –100 ml/min
Amount of spray water in LEVEL 2	W LEVEL 2	50 ml/min	10 –100 ml/min
Amount of spray water in LEVEL 1	W LEVEL 1	35 ml/min	10 –100 ml/min
Amount of spray air	AIR	70% of max	0 - 100 %
XO Chip Blow	CHIP	Enabled	Enabled, Disabled
Turbines			
Max speed in LEVEL 3	LEVEL 3	100 %	1 - 100 %
Max speed in LEVEL 2	LEVEL 2	90 %	1 - 100 %
Max speed in LEVEL 1	LEVEL 1	70 %	1 - 100 %
Amount of spray water in LEVEL 3	W LEVEL 3	100 ml/min	10 –100 ml/min
Amount of spray water in LEVEL 2	W LEVEL 2	50 ml/min	10 –100 ml/min
Amount of spray water in LEVEL 1	W LEVEL 1	35 ml/min	10 –100 ml/min
Amount of spray air	AIR	70%	0 – 100%
XO Chip Blow	CHIP	Enabled	Enabled, Disabled
Scaler			
Max amplitude in LEVEL 3	LEVEL 3	100 %	Min – 100 %
Max amplitude in LEVEL 2	LEVEL 2	70 %	Min – 100 %
Max amplitude in LEVEL 1	LEVEL 1	40 %	Min – 100 %
Amount of water in LEVEL 3	W LEVEL 3	40 ml/min	10 – 100 ml/min
Amount of water in LEVEL 2	W LEVEL 2	30 ml/min	10 – 100 ml/min
Amount of water in LEVEL 1	W LEVEL 1	20 ml/min	10 – 100 ml/min
Light curing lamp			
Time 3 (Long exposure time)	TIME 3	40 S	1 – 300 S
Time 2 (Medium exposure time)	TIME 2	20 S	1 – 300 S
Time 1 (Short exposure time)	TIME 1	10 S	1 – 300 S
Sound for each 10 sec.	SOUND	OK SOUND	OK SOUND, NONE, CLICK
Osseo			
Max speed in LEVEL 3	LEVEL 3	40,000 RPM	100 - 40,000 RPM
Max speed in LEVEL 2	LEVEL 2	16,000 RPM	100 - 40,000 RPM
Max speed in LEVEL 1	LEVEL 1	300 RPM	100 - 40,000 RPM
Amount of water in LEVEL 3	W LEVEL 3	50 ml/min	10 – 100 ml/min
Amount of water in LEVEL 2	W LEVEL 2	30 ml/min	10 – 100 ml/min
Amount of water in LEVEL 1	W LEVEL 1	10 ml/min	10 – 100 ml/min

Table 2: List of configurable instrument parameters.



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