

## Micro Motor



**Lift micro motor forward** and control it with XO Foot Control.

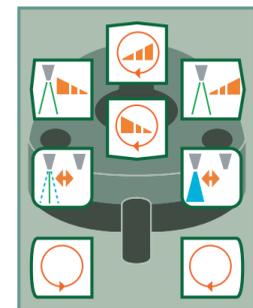
See relevant data on display.

Run motor clockwise with or counter clockwise with in the range 50 – 40.000 rpm.

See maximum speed on display when foot control is not activated. See actual speed on display when motor is running.

Change spray selection with : water & air, air only or no spray.

Enable/disable XO Chip Blow with (automatic chip blow after stop of motor with spray water).



## Turbine



**Lift turbine forward** and control it with XO Foot Control.

See relevant data on display.

Start/stop turbine with .

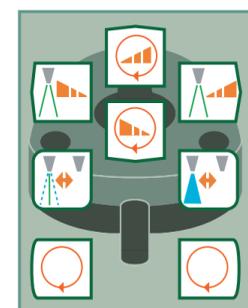
Change spray selection: water & air or no spray with .

Enable/disable XO Chip Blow with .

Choose between 3 levels of spray water:  
Increase level with   
Decrease level with

Choose between 3 maximum speed levels:  
Increase level with   
Decrease level with

See current speed (in % of maximum) on display.



## XO Chip Blow



When a micro motor or a turbine with connected spray stops, XO Chip Blow will automatically dry the drilled area.

You enable/disable XO Chip Blow for the selected instrument with .

You can disable XO Chip Blow permanently for one or more instruments. Please refer to Configuration Guide for further details.

Please note that the quality of the XO Chip Blow may be influenced by the contrangles applied.

The white LED indicates XO Chip Blow for the instrument:

1 white LEDs on: XO Chip Blow enabled.

0 white LEDs on: XO Chip Blow disabled.

## XO Osseo (only XO 4-6)



**Lift XO Osseo forward** and control it with XO Foot Control.

See relevant data on display.

Run motor clockwise with or counter clockwise with in the range 100 – 40.000 rpm.

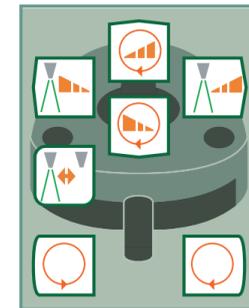
See maximum speed on display when foot control is not activated. See actual speed on display when motor is running.

Switch cooling irrigation on/off with .

Choose between 3 levels of irrigation:  
Increase level with   
Decrease level with

Choose between 3 maximum speed levels:

Increase level with   
Decrease level with



## XO Odontosurge



**Lift XO Odontosurge handpiece forward** and control it with XO Foot Control.

See relevant function on the display; STANDBY, CUT or COAG.

Select mode with XO Foot Control:

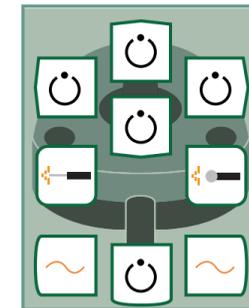
CUT:

COAG:

STANDBY:

Start/stop Odontosurge with: or

**Note:**  
The handpiece on/off activation control shall be activated at the same time.



Display showing "CUT" for cutting (dissection)



Display showing "COAG" for coagulation (haemostasis)



Push on/off activation control to activate the handpiece

## Ultrasonic Scaler



**Lift scaler forward** and control it with XO Foot Control.

See relevant data on display.

Start/stop oscillation (power) of scaler with or .

Switch cooling irrigation on/off with .

Choose between 3 levels of irrigation:  
Increase level with   
Decrease level with

Choose between 3 power settings:  
Increase level with   
Decrease level with

See current power setting (in % of maximum) on display.



## Light Curing Lamp



**Lift light curing Lamp forward** and control it with XO Foot Control.

See current exposure time on display before foot control is activated.

Start curing process with or .

See elapsed curing time on display during the process.

Hear a beep after each 10 seconds. Please refer to Configuration Guide for further details.

Choose between 3 different exposure times:  
Increase with   
Decrease with

Choose 30 seconds soft-start with .

Note: Only possible with Lysta LCD 88 & 89.



## Intraoral Video Camera



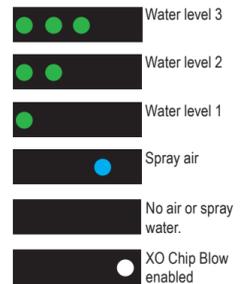
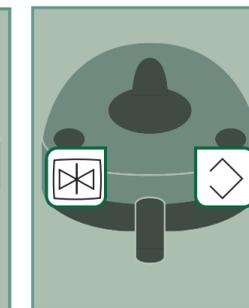
Unlike all other unit instruments you may use video camera also when another instrument is active.

**Lift camera forward** and display a video image on a screen.

Control video camera with XO Foot Control when no other instruments are active.

Toggle between "still" and "live" mode with .

**Note:** "Still" function requires installation of appropriate software on connected PC.



Start rotation clockwise

Start rotation counter clockwise

Spray selection

Enable / disable XO Chip Blow

Increase spray water / irrigation level

Decrease spray water / irrigation level

Increase maximum speed

Decrease maximum speed

Power on Scaler / Odontosurge

Irrigation on/off

Increase maximum power/ Scaler

Decrease maximum power/ Scaler

Start LC Lamp

Increase exposure time / LC Lamp

Decrease exposure time / LC Lamp

Soft start / LC Lamp 30 seconds

Still / Live mode Video Camera

Save image to memory Video camera

## Maintenance Infection Control Routines

If XO Foot Control slides on floor when activated:  
 Clean rubber feet under foot control with benzine.

### Important note:

After disinfecting the instrument bridges' surface, please do not replace the rubber protection pad until the surface is completely dry.



### Important note:

In the event that the instrument hoses have been removed, one must ensure that the plugs and sockets are completely dry before the hoses are re-mounted on the instrument bridge again.



### In the morning before first patient

1. Finish water line disinfection procedure:
  - Check that unit instruments are still in instrument holder on cuspidor
  - Switch on unit
  - Unit water lines are automatically flushed with disinfection liquid
  - See status on display
2. Fit sterile / disinfected / new:
  - Unit instrument pad
  - Unit instruments
  - Cup
  - Handles on instrument bridge, lamp and screen
  - Suction filters and covers for suction nozzles.

### After each patient

1. Remove contaminated:
  - Unit instruments
  - Unit instrument pad
  - Cup
  - Handles on instrument bridge, lamp and unit screen
2. Clean and disinfect surfaces
3. Fit sterile / disinfected:
  - Unit instrument pad
  - Unit instruments
  - Cup
  - Handles on instrument bridge, lamp and screen

### In the evening after last patient

1. Disinfect suction system:
  - Activate
  - Fit both suction hoses on disinfection nipples
  - Activate
  - See status on display
2. Remove contaminated:
  - Unit instruments
  - Unit instrument pad
  - Cuspidor bowl, gold trap and cup holder (turn the cuspidor faucet before moving the cuspidor bowl)
  - Handles on instrument bridge, lamp and screen
  - Suction filters and covers for suction nozzles
3. Clean and disinfect surfaces and chair upholstery
4. Fit disinfected:
  - Cuspidor bowl, gold trap and cup holder. (After placing the cuspidor bowl, turn the cuspidor faucet back to the right position)
5. Start water line disinfection procedure:
  - Place all unit instruments in instrument holder on cuspidor
  - Press to empty expansion container
  - Switch off unit leaving unit instruments in instrument holder on cuspidor



Water line disinfection.



Suction hoses fitted at disinfection nipples.



Removal of cuspidor bowl.



XO 4 parts, which are autoclavable (134 °C).



Parts, which may be washed in a thermo-disinfector (90 °C).



Clean rubber feet under XO Foot Control regularly with benzine.

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## XO® 4-2 / XO® 4-6 Quick Guide

Switch on/off XO 4 with the green main switch on the rear of the unit stand.

When a unit instrument is lifted forward XO Foot Control manages this instrument - see next page.

**When all unit instruments rest** XO 4 Unit and Chair functions are managed with XO Foot Control and XO Joystick. Further some functions are automatic or manually controlled.

**Cuspidor** starts automatically after cup filler has been activated or when chair reaches Rinse Position. Operate cuspidor manually with . Cuspidor rinse stops automatically, or stops upon reactivation of switch.

Activate **cup filler** for less than 1 sec. and the glass fills with the preconfigured amount of water. Activate again for less than 1 sec. in order to stop automatic filling.

If is activated for more than 1 sec., water fills the cup as long as the switch is activated. Same functions are available on XO Foot Control and is also accessible to the dental assistant.

**Suction** starts automatically when hoses are lifted from holder.

**XO 4 Lamp** switches on automatically when chair reaches Positions 1, 2 or Last Position. Lamp switches off when chair is activated towards Rinse or Zero Position. Manage lamp manually with no touch sensor under lamp head. Hold your hand within activation distance for less than 1 second and lamp switches on/off. Hold hand for more than 1 second to adjust light intensity.

Use to **call dental assistant**.



and switches.



No touch sensor.



XO Foot Control.

Bring **XO 4 Chair** to Position 1 with and to Position 2 with .

First time is activated chair goes to Rinse Position.

Second time is activated chair goes to Zero Position.

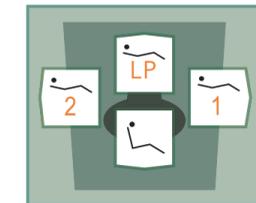
If is activated twice within 1 second chair goes directly to Zero Position.

Go to Last Position with .

Inflate/deflate lumbar support with or with the remote control.

Emergency stop chair: Stop chair immediately while moving by touching any switch on XO Foot Control or XO Joystick (except ).

Adjust the lumbar support at . The first time is activated, the lumbar support is increased, the second time is activated, the lumbar support is reduced. The patient may adjust lumbar support by using the remote control.



XO Joystick on chair base.

- Working Position 1
- Working Position 2
- Once: Rinse Position
- Twice: Zero Position
- Last Position
- Lift chair
- Lower chair
- Back rest: Tilt forward
- Back rest: Tilt backward
- Start & stop cup filler
- Call dental assistant
- Inflate / deflate lumbar support
- Start & stop cuspidor flush