

# QUICK REFERENCE GUIDE

POWER ON - Press any button | SLEEP MODE - Press/Hold top and bottom buttons for 1 second.



## CURING MODES

### STANDARD POWER MODE

DURATION	BUTTON INDICATOR
10 Seconds	Steady Blue

Standard Power

### XTRA POWER MODE\*

DURATION	BUTTON INDICATOR
3 Pulses x 1.66 Seconds	Pulsing Blue

Xtra Power\*

\*Xtra Power has a triple pulse with a 0.5-second auto rest between pulses. Please note, there is a 2-second cooling period after using Xtra Power mode.

## CYCLING BETWEEN MODES

### MOVEMENT



#### DRUM TAP

Tap the unit forward to change through 2 curing modes



#### WAVE

Tap the unit sideways to change through 2 diagnostic aid modes

### BUTTON PRESS



#### TOP BUTTON

To cycle to curing modes from diagnostic aid modes, press and hold the top button for 1 second.



#### BOTTOM BUTTON

To cycle to diagnostic aid modes from curing modes, press and hold the bottom button for 1 second.

## DIAGNOSTIC AID MODES

### WHITE LIGHT DIAGNOSTIC AID MODE

DURATION	BUTTON INDICATOR
60 Seconds	White Slow Pulse

White Light Diagnostic Aid Mode

### BLACK LIGHT DIAGNOSTIC AID MODE

DURATION	BUTTON INDICATOR
60 Seconds	Violet Slow Pulse

Black Light Diagnostic Aid Mode

## CURING LENSES

### POINTCURE™ LENS

The PointCure Lens concentrates the light into a 2.5 mm aperture. This is ideal for point curing (tacking) veneers and all porcelain crowns.

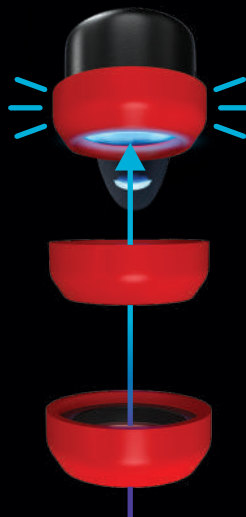


### PROXICURE™ BALL LENS

Supports the matrix and aids in convex proximal contact before and during partial light polymerization.



Position accessory lens near the VALO X curing light lens, allowing the magnet to snap the accessory lens into place over the barrier sleeve.



## DIAGNOSTIC AID LENSES

### TRANSLUME™ LENS

Facilitates the visualization and location of cracks, fractures, defects in teeth, or restorative materials.



### INTERPROXIMAL LENS

Allows white light to be placed between teeth for observation of shadows, anomalies, or caries in the interproximal spaces.



### DIFFUSER LENS

In Black Light Diagnostic Aid Mode, the diffuser lens gives visual aid of fluorescent particles in various dental resins.

In White Light Diagnostic Aid Mode, the Diffuser Lens provides a pure, controlled, natural light source to aid in accurate shade matching.





# VALO™ X

## QUICK REFERENCE GUIDE

Always refer to the Instructions for Use prior to use.

### MORE OF A VISUAL LEARNER?

We have created videos and images to help you get the most out of your VALO X curing light. At the site below, you will find instructions on how to use your new light as well as tips for cleaning, charging, general care, and troubleshooting.



Scan the QR code above or visit [ultradent.com/myvalox](http://ultradent.com/myvalox)

### VALO CURING LIGHT 5-YEAR WARRANTY

Ultradent Products, Inc. ("Ultradent") warrants that this product (including the original cord adapter that accompanied the product when purchased) shall, for a period of 5 years from the date of purchase, when operated according to the operating instructions included with the product, (i) conform in all material respects to the specifications set forth in Ultradent's documentation accompanying the product; and (ii) be free from defects in material and workmanship.

This limited warranty is nontransferable and applies solely to the original purchaser and does not extend to subsequent owners of the product. This limited warranty does not cover any other accessory components such as, but not limited to, batteries, chargers, or adaptive lenses. This limited warranty is void if the product fails or is damaged due to negligence, abuse, misuse, accident, modification, tampering, alteration, or failure to follow the applicable instructions for use. For purposes of example only, a product that is dropped and damaged is not covered under this warranty. To qualify under this limited warranty, proof of purchase (e.g., sales receipt or similar documentation) must be submitted to Ultradent along with the defective product.

A defective product meeting the warranty conditions set forth herein will, at Ultradent's sole discretion, either be repaired or replaced. In no event shall Ultradent's liability for the product exceed the purchase price paid by the purchaser. Under no circumstances shall Ultradent be liable for any indirect, incidental, foreseen, unforeseen, special, or consequential damages arising out of or in connection with the use of this product.

Date of Purchase:

If you have questions regarding your warranty, please contact us at [equipment.repair@ultradent.com](mailto:equipment.repair@ultradent.com), or call 801.553.4574.

We're happy to answer any questions you have!

### CLEANING & MAINTENANCE

#### ACCEPTABLE CLEANERS:

- 70% Isopropyl alcohol
- 70% Ethanol

#### Maintenance and Cleaning

The VALO X curing light is a sealed unit with a hard surface and a scratch-resistant glass lens. Clean after each use. Refer to the instructions for use for full cleaning procedure.

Routinely check the lens for cured dental resins. If necessary, use a plastic or stainless-steel dental instrument to carefully remove any adhered resin.

To help prevent cross-contamination and help keep dental composite material from adhering to the surface of the lens and wand body, a barrier sleeve must be used over the VALO X curing light with each use.

#### WARNINGS & PRECAUTIONS:

- DO NOT wipe down the curing light with caustic or abrasive cleaners, autoclave, or immerse in any kind of ultrasonic bath, disinfectant, cleaning solution, or liquid. Failure to follow included processing instructions may render curing light inoperable.
- To avoid damaging the equipment, DO NOT insert fingers, instruments, or other objects into the battery/cell compartment of the curing light.
- To avoid damaging the equipment, DO NOT attempt to clean the electrical contacts, or any part of the battery/cell compartment. Call Ultradent Customer Service if there is a concern.
- To help prevent cross-contamination and help keep dental composite material from adhering to the surface of the lens and wand body, an Ultradent-approved barrier sleeve must be used over the VALO X curing light with each use. Barrier sleeves are intended for single-patient use.
- To prevent the risk of product damage, do not autoclave or dry heat sterilize the VALO X accessory lenses.
- To reduce the risk of corrosion, remove barrier sleeve after use.

### BUTTON INDICATION

BUTTON INDICATOR	STATE OR FUNCTION
	Standard Power Mode
	Xtra Power - Triple Pulse Mode
	White Light Diagnostic Aid Mode
	Black Light Diagnostic Aid Mode
	Sleep Mode
	Mode actively running and light is busy
	Low/Recharge Power
	Dead Battery
	Temporary LED over temperature protection

### CHARGING AND CHANGING BATTERIES

Charge batteries before using the curing light. Remove cap at the base of the curing light with a counter-clockwise turn. Insert dead battery/cells in the provided Ultradent VALO light battery charger with medical grade 9VDC AC power adapter in the orientation shown in the charger. Battery/cells will be fully charged in 1-3 hours.

To avoid the risk of electrical fire associated with handling of batteries:

- DO NOT autoclave or spray battery, battery contacts, charger, or AC power supply with liquid of any kind. If corrosion appears on the contacts of the charger, call Ultradent Customer Service to order a replacement.
- DO NOT charge batteries around flammable materials
- DO NOT keep charger in clinical operator or in an area where they will come into contact with disinfectant spray or water
- DO NOT charge non-rechargeable batteries/cells. Charging non-rechargeable batteries can result in injury or property damage.
- DO NOT recharge Ultradent batteries with a non-Ultradent charger

To avoid the risk of injury, DO NOT use batteries that are corroded (rust), dented, emit an odor or fluids, have a torn or missing wrapping, or are otherwise damaged. Call Ultradent Customer Service to order replacement batteries/cells.

### CORDLESS OR CORDED OPERATION

The VALO X curing light can be used in a corded or cordless configuration using the Ultradent VALO X rechargeable batteries or provided VALO X cord adapter.

