EQUIPMENT

VALO Cordless
VALO
VALO Accessories
UltraTect
UltraVac
Ultrasep III
Ultradent Utility Vinyl Cutters
Ultradent Ultra-Trim Scalloping Scissors

Sam Tran | Research & Development | Silver Lake, Utah
VALO® Cordless LED CURING LIGHT

- Ultra-high-energy broadband LEDs cure all dental materials
- Optimally collimated beam delivers a complete, uniform cure
- Three curing modes—Standard, High power, and Xtra power—for maximum versatility
- Extremely durable, slim, ergonomic shape allows unprecedented access to all restoration sites
- Operates on environmentally responsible, safe, inexpensive, rechargeable batteries
- Highly efficient LEDs and aerospace aluminum keep wand body cool to the touch

Uses
The VALO Cordless LED curing light uses a custom, multiwavelength light-emitting diode (LED) for producing high-intensity light at 395–480 nm, which is capable of polymerizing all light-cured dental materials. This intensity will also penetrate porcelain and is capable of curing underlying resin cements similar to a quality halogen light. VALO Cordless uses VALO rechargeable batteries and a battery charger suitable for power outlets from 100 to 240 volts. The handpiece is designed to rest in a standard dental unit bracket or can be custom mounted using the bracket included in the kit. It can also be stored on a countertop or in a drawer. VALO Cordless is equipped with a sensor that registers movement of the light; when the light is not being used, VALO Cordless will automatically go into sleep mode and when moved will return to the most recently used setting.

Valo® Cordless Kit - Black
Valo® Cordless Kit - Gold
Valo® Cordless Kit - Graphite
Valo® Cordless Kit - Fuchsia
Valo® Cordless Kit - Teal

1 x VALO Cordless LED curing light
4 x Rechargeable batteries
1 x Battery charger
1 x Charging unit power supply
1 x Handpiece bracket holder
50 x Barrier sleeves

5961 VALO Cordless Charging Unit Power Supply
5962 VALO Cordless Battery Charging Unit
5963 VALO Cordless Rechargeable Batteries 2pk
5964 VALO Cordless Barrier Sleeves 500pk
5929 VALO Cordless Light Shield 1pk

"The VALO Cordless is a state-of-the-art curing device. It performs incredibly well and sets every type of material on the market. If you want to be sure you are doing your best bonded restorations, you need the VALO."

DR. JOHN FLUCKE, DDS – LEE’S SUMMIT, MO

1. realityesthetics.com.
**VALO® LED CURING LIGHT**

- Ultra-high-energy broadband LEDs cure all dental materials
- Optimally collimated beam delivers a complete, uniform cure
- Three curing options—Standard, High power, and Xtra power—offer convenience and flexibility
- Slim, ergonomic wand allows unprecedented access to all restoration sites
- Unique unibody design is both extremely durable and lightweight

**Uses**
The VALO LED curing light uses a custom, multiwavelength light-emitting diode (LED) for producing high-intensity light at 395–480 nm capable of polymerizing all light-cured dental materials. This intensity will also penetrate porcelain and is capable of curing underlying resin cements similar to a quality halogen light. VALO has a medical-grade, international power supply and is suitable for power outlets from 100 to 240 volts. The handpiece is designed to rest in a standard dental unit bracket or can be custom mounted using the bracket included in the kit.

<table>
<thead>
<tr>
<th>VALO Kit</th>
<th>5919</th>
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<tbody>
<tr>
<td>1 x VALO LED curing light - 7’ cord</td>
<td></td>
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<tr>
<td>1 x Power supply with universal plugs - 6’ cord</td>
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<tr>
<td>1 x Handpiece bracket holder</td>
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<tr>
<td>1 x Light shield</td>
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<tr>
<td>50 x VALO barrier sleeves</td>
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<table>
<thead>
<tr>
<th>VALO Power Supply - 6’ cord</th>
<th>5930</th>
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<tbody>
<tr>
<td>VALO Power Supply - 16’ cord</td>
<td>5933</td>
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<table>
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<tr>
<th>Barrier Sleeves 500pk</th>
<th>5932</th>
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| Light Shield 1pk | 5935 |

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*The fact that VALO is small and lightweight makes it one of a kind and an ideal choice for an orthodontist.*

DR. PAUL UPATHAM, DDS, MS – SAN DIEGO, CA

“A new wave of LEDs is here! The sleek VALO operates with standard curing, and innovative high-powered curing options. It is compact, light to the touch, and offers the benefits of three lights in one.”

DR. MARK COLONNA, DDS – WHITEFISH, MT

“VALO is a fantastic piece of equipment. Clinicians no longer have to choose between normal output, high-intensity output, or the power of a PAC light, because VALO offers all three in one lightweight, compact, durable unit. VALO’s ability to produce the greatest amount of energy at distances up to 10mm from the tooth is just amazing. I have been using this light for some time and would not want to be without it.”

DR. JOHN KANCA, DDS – MIDDLEBURY, CT

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The angle of a 60° light guide causes overextension of the jaw and often makes it impossible for the light to reach all aspects of the preparation.

VALO’s low-profile design accesses hard-to-reach areas, even in smaller mouths.

Competitor lights can cause overstretching of TMJ or soft tissues.

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1. realityesthetics.com.
Every VALO® LED curing light starts as a single bar of tempered, high-grade aerospace aluminum, which is CNC precision milled at Ultradent’s facility in Utah, USA.

The VALO LED curing light starts as a single bar of aluminum and ends as the most advanced curing light in the world—that’s the VALO story.

True unibody construction via machining ensures the VALO LED curing light’s durability and superior heat dissipation and facilitates the elegant, ergonomic, and streamlined design that enables the VALO LED curing light to access areas other curing lights simply cannot reach.

The VALO LED curing light starts as a single bar of aluminum and ends as the most advanced curing light in the world—that’s the VALO story.
Unique glass lens system forms VALO’s collimated beam

Scratch-resistant sapphire-hard coating

Energy-efficient hardened glass lens resists scratching

Unibody construction ensures durability and unsurpassed heat dissipation

Thin cord features Kevlar® strands for unprecedented strength, durability, and flexibility. Long enough for freedom of movement, the cord ensures a constant power supply.

Lowest-profile head for a broadband LED

Incredibly lightweight.

Two CR123A rechargeable batteries power VALO Cordless

Teflon® seal provides ease of cleaning

Incredibly lightweight.

VALO Corded: 4.1 oz
VALO Cordless: 6 oz with batteries

Two Buttons for Intuitive Handling

**VALO LED Curing Light**

- **Power Button**
- **Mode/Time Button**: Press and release to change time. Press and hold for 3 seconds to change mode.
- **4 LEDs show time selection**
- **Mode selection**

**VALO Cordless LED Curing Light**

- **Power Button**
- **Mode/Time Button**: Press and release to change time. Press and hold for 3 seconds to change mode.
- **4 LEDs show time selection**
- **Mode selection**
- **Low-battery indicator**

* Trademark of a company other than Ultradent.

ultradent.com
## Equipment

### VALO® and VALO® Cordless Accessories

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>5934</td>
<td>PointCure Lens 2pk</td>
</tr>
<tr>
<td>5938</td>
<td>EndoGuide Lens 2pk</td>
</tr>
<tr>
<td>5936</td>
<td>ProxiCure Ball Lenses 2pk</td>
</tr>
<tr>
<td>5937</td>
<td>TransLume Lenses 2pk</td>
</tr>
<tr>
<td>5939</td>
<td>Black Light Lens 1pk</td>
</tr>
<tr>
<td>1667</td>
<td>Mounting Bracket 1pk</td>
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</tbody>
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### Notes:

- **PointCure Lens**: Clear lens for pinpoint curing of small composites or tack curing veneers.
- **EndoGuide Lens**: Special lens for apical retrofills and other narrow preparations.
- **ProxiCure Ball Lenses**: ProxiCure Ball lens facilitates the building of convex proximal contacts. The imprint is easily filled with composite in a second step. Push the ProxiCure Ball lens against the interproximal wall of the band; do not submerge in composite.
- **TransLume Lenses**: The green lens aids in locating and demonstrating cracks and subsurface differences. The penetrating ability of the orange lens shows the obstruction to light caused by posts or internal bubbles.
- **Black Light Lens**: The Black Light lens is used to detect fluorescent particles in resins for easy differentiation from natural enamel.
- **Mounting Bracket**: The mounting bracket can be used for VALO and VALO Cordless and mounts to any surface.

Lenses are reusable and should be disinfected using an intermediate-level disinfectant.
UltraTect™
PROTECTIVE EYEWEAR

UltraTect safety eyewear is high-quality protective eyewear that’s made for the modern dental environment. Each pair of glasses meets ANSI standards and CSA high-impact and side-shield requirements. The lenses are made of molded polycarbonate rather than simple molded plastic, ensuring high optical properties and scratch resistance. Do not use for laser protection. Orange-lens glasses are ideal to protect against the UV and blue light output of dental curing lights.

<table>
<thead>
<tr>
<th>Style No.</th>
<th>Frame/Lens Description</th>
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<tbody>
<tr>
<td>914</td>
<td>Maroon Frame/Brown Lens</td>
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<tr>
<td>501</td>
<td>Black Frame/Clear Lens</td>
</tr>
<tr>
<td>508</td>
<td>Black Frame/Orange Lens</td>
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Ultradent® Utility Vinyl Cutters

- Use for gross trimming of tray

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<td>604</td>
<td>Ultradent Utility Vinyl Cutters</td>
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Ultradent® Ultra-Trim Scalloping Scissors

- Precisely trims tray border around interdental papilla
- Spring-loaded design minimizes finger fatigue
- Grips tray material easily
- Made of durable stainless steel

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UltraVac™
VACUUM FORMER

UltraVac uses a single, 3-position toggle switch that activates the unit’s heating element, vacuum pump, and power. An indicator light in UltraVac’s base alerts the operator when the heating element is activated and ready for operation.

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<tr>
<td>1082</td>
<td>UltraVac Vacuum Former - 110 v</td>
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Ultrasep™ III
MOLD RELEASE

- Quickly and easily removes vacuum-formed parts
- Minimizes distortion and reduces defects
- Contains no CFC propellants or solvents
- Provides outstanding surface coverage
- Colorless and nonstaining

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UltraTect™
ULTRAVISION SCALLOPING SCISSORS

- Precisely trims tray border around interdental papilla
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Uveneer is a unique, minimally invasive template system that creates perfect direct composite veneers with predictable shape and symmetry. It mimics natural dentition and is designed to create high-quality, natural-looking anterior restorations in one visit. It can also be used for cosmetic mock-ups, shade selection, and temporaries during porcelain veneer creation.

Work Smarter and Faster with Predictable Results

See page 89.