

Ortholux™ LED Curing Light

For fast orthodontic curing times and the convenience of untethered portability, your best choice today is the Ortholux™ LED Curing Light from 3M Unitek.

With the Ortholux LED light, there's no cord connecting the handpiece to a light source. There's no bulky equipment to get in the way or impede chairside mobility. And yet, with a small handheld unit, you have curing times for orthodontic bonds that are typically twice as fast as traditional halogen light sources.

Advanced LED Technology is the Key

The Ortholux LED uses one blue LED (Light Emitting Diode) that emits light in the 430-480 nm range at an intensity of 1000 mW/cm². The light is optimized specifically for the polymerization of materials used in orthodontic bonding. With LED technology, there is no bulb to lose intensity or wear out. Heat build-up is minimal, so there is no need for a fan which uses battery power and adds weight. Microprocessor-based circuitry assures consistent light output and effective performance throughout the power range of the internal rechargeable battery.

Convenience for You and the Patient

The Ortholux LED light is remarkably easy to handle and use. The handpiece is compact, sleek and weighs less than eight ounces. The light guide rotates 360 degrees, making positioning easy for you, and quick curing times enhance patient comfort and shorten chair time.

Features:

- Quiet Cordless Convenience
- Fast Curing Times
- Built-in Light Meter
- Up to Eight Full 7x7 Bondings Per Charge
- Rechargeable Nickel Metal Hydride Battery
- Two-Year Warranty



The speed and convenience of the Ortholux™ LED Curing Light is a perfect complement to the efficiency of the APC™ II Adhesive Coated Appliance System.

3M Unitek

Products that make your life easier.

Ortholux™ LED Curing Light

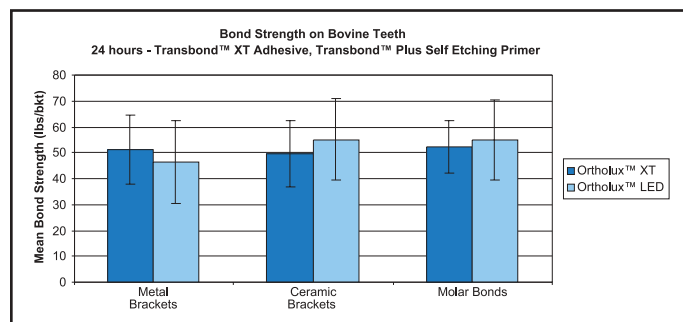
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Comparative Cure Times in Seconds

	Ortholux™ LED Curing Light (LED)	Ortholux™ XT Curing Light (Halogen)	ORTHO Lite™ Quick Curing Light (Plasma Arc)
Metal Brackets (APC™ II Adhesive Coated Appliance or Transbond™ XT Adhesive)	5 seconds mesial + 5 seconds distal	10 seconds mesial + 10 seconds distal	3 seconds mesial + 3 seconds distal
Ceramic Brackets (APC II Adhesive Coated Appliance or Transbond XT Adhesive)	5 seconds through the bracket	10 seconds through the bracket	3 seconds through the bracket
Molar Bonds (APC II Adhesive Coated Appliance or Transbond XT Adhesive)	10 seconds mesial + 10 seconds occlusal	20 seconds mesial + 20 seconds occlusal	6 seconds mesial + 6 seconds occlusal
Molar Bands (Transbond™ Plus Light Cure Band Adhesive)	20 seconds (5 seconds per cusp)	30 seconds	16 seconds
Molar Bands (Unitek™ Multi-Cure Glass Ionomer Band Cement)	20 seconds (5 seconds per cusp)	40 seconds	16 seconds

In addition to the materials listed above, other light cure adhesives containing photoinitiators such as camphorquinone that cure in the 430 to 480 nm wavelength range can be cured using this light. Contact adhesive manufacturer for curing times.

Bond strengths for the Ortholux™ LED light are comparable to those of standard halogen curing lights.



Ortholux™ LED Curing Light Kit
704-360
704-350 (Europe)
704-351 (UK)
704-352 (Japan)

Ortholux™ LED Curing Light Replacement Parts



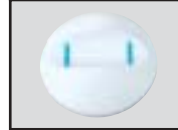
704-355 Rechargeable Battery



704-356 Light Guide



704-357 Eye Shield



704-358 Table Holder



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