

UV LED SPOTCURE

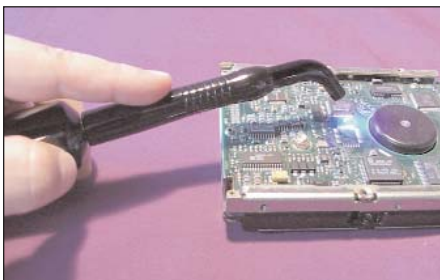
Handheld, Safe UV Curing Powered by UV LED's



UV LED SpotCure-P provides lightweight, simple UV LED curing.



The UV LED SpotCure-P's inspection probe.



The UV LED SpotCure-C offers the same UV curing power, but with the freedom of a cordless unit.

The UV LED SpotCure series units are truly unique instruments. Battery operated in design, high density NiMH super-cells keep the UV LED SpotCure units operating for many weeks without any attention. A low battery indicator activates about one week before recharging is needed. The 395nm wavelength output provides tack-free curing in less than 5 seconds. The UV LED SpotCure units effectively cure most acrylic based adhesives.

The UV LED SpotCure-P performs two useful functions for the price of one! The outstanding dual capability provides high intensity spot curing as well as 6000°K brilliant white light for general inspection. This model features both rechargeable battery operated and A/C adapter power capability.

The UV LED SpotCure-P takes advantage of all the operating characteristics of a UV LED light source and combines these advantages with an ergonomic design that anticipates this technology to be the standard of use in the future.

The power supply for UV LED SpotCure-P consists of a console that measures only 5.5"x 4.5"x 3.3" and weighs in at less than 1 pound. Providing all the necessary features for UV adhesive curing, the same package will also provide regulated control for a brilliant white LED inspection device.

The imbedded console cradle sensors determine which device is being used and the appropriate sequencing and control commences automatically. By removing the handpiece probe, the curing light is turned on following an initial 5 second delay. The electronics keeps the curing light on for 10 seconds and then turns it off for 5 seconds with an accompanying audible beep. The cycle then repeats itself until the handpiece is replaced in its cradle position.

A removable glass image conduit transmits the light and is able to swivel 360 degrees. The handle and probe are electrically quick connected for ease of use. The light guide portion of the probe uses "cellular" type fused fiber optics to provide the highest light transmission capability together with durability. The power console not only provides portability and dual capability, it is also large enough to house a high capacity battery pack permitting long usage periods without loss of power. When battery energy does require recharging, a convenient warning indicator is energized.

The UV LED SpotCure-C provides the same power and curing efficiency as the UV LED SpotCure-P, but with the flexibility of a cordless design. The UV LED SpotCure-C only includes the UV curing probe, not the white light probe included in the UV LED SpotCure-P. The UV LED SpotCure-C ships complete with a rechargeable battery, but additional spare batteries (A160-022) can be ordered to ensure that a fully charged battery is always on hand.

24-HOUR PRODUCT SERVICES

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UV LED SPOTCURE

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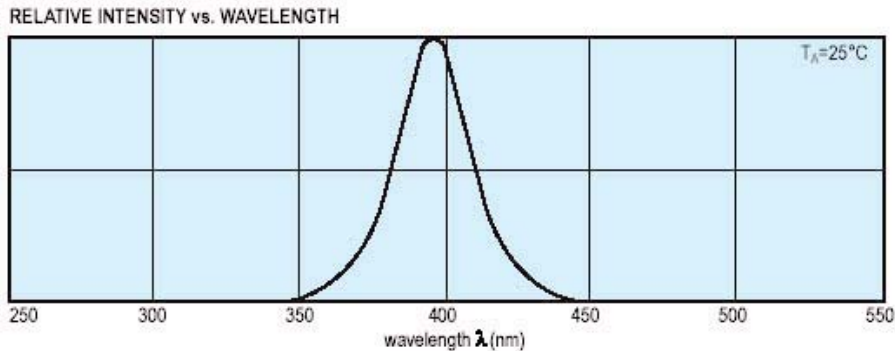
The UV LED SpotCure-C is very similar to UV LED SpotCure-P in that it utilizes the exact same handpiece curing probe and inspection probe. The main difference is that it employs a removable battery module for complete freedom. The UV LED SpotCure-C utilizes a small battery module measuring approximately 1.2" in diameter and 3" long. It is attached to the probes using a plug-in DIN connector. Once connected, the device is activated by momentarily depressing the label at the rear of the battery module. This will initiate an automatic timed cycle of 25 seconds at which time the device will be automatically deactivated. Deactivation can also be accomplished at any time by depressing the label again. Under normal situations, the battery module will provide several weeks of use before it requires recharging. Before power begins to drop, a dual LED low battery indicator will activate. Several days of power is still available after the low battery indicators illuminate.

A unique battery recharger is provided that not only produces the required charge current and time duration, but also anticipates that the battery module may be left connected to the charger for extended periods of time. The rechargeable battery has a characteristic called "self-discharge". This permits the battery module to be left connected to the charger without concern for self-discharge or overcharge.

FEATURES:

- LED UV-A Spot Curing AND White Light Inspection (A160-020)
- Easy Switch from Curing to Inspection
- Battery Operated and A/C Adapter Power for Base Station (A160-020)
- Battery Operated Cordless Design (A160-021)
- UV-A Operation is Safer and Penetrates Thick Coatings
- Removable Swivel Probes
- 8mm or 11mm Swivel Quick Change Probes
- Automatic Timed Operation
- Low Battery Warning Indicator
- NiMH Super Cells Avoid Frequent Recharging

Characteristic Measurement	UV LED SpotCure-P (A160-020)	UV LED SpotCure-C (A160-021)
Unit Dimensions	5.5"L x 4.5"W x 3.3"H (14 cm x 11.4 cm x 8.4 cm)	8.0"L x 1.25"Diam (20.3 cm x 3.2 cm)
Battery Dimensions		3.2"L x 1.25"Diam (8.13 cm x 3.2 cm)
Length of Probe	4.0'L (1.22 m)	
Overall Weight	1.0 lb (454 g)	5.0 oz (141.8 g)
Standby Battery Life	7650 Hours	3500 Hours



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