



American Ultraviolet[®]

Since 1960. It's all we do.

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UV Curing Solutions



Surface/Handheld Curing

Because customers have requested ultraviolet curing solutions for many different, and sometimes quite unique surfaces, and hard to access applications, American Ultraviolet, along with our Lesco UV division, have developed Floor and Handheld equipment designed specifically to cure inks, coatings and adhesives.

Floor Cure systems cure clear coatings on concrete, marble, and even hardwood floors, and are commonly used in showrooms, manufacturing and processing plants, warehouses, hospitals, assisted living facilities, commercial office space and residential properties – anywhere solid surface flooring needs to look good and last a long time. These effective systems also cure clear coatings on walkways, safety striping and signage, allowing for quick and easy cleanups.

Handheld systems enable one person to easily cure surfaces and substrates that for one reason or another cannot be brought to more common curing equipment, like fiberglass bathtubs, countertops, automotive panels, wires, pool cues, and flooring that needs to be touched up. Our handheld systems are also often used in testing laboratories and for new product development.

We welcome your unique challenges and are confident we have a solution for just about any surface or situation you'd like to cure using UV.



FC Series

Floor Cure Systems are designed to provide UV-cured protection that improve the life, productivity and appearance of solid surface flooring. The FC Series is self-propelled, enabling the operator to simply walk behind the unit, guiding its direction – no pushing necessary. This “green” technology cures coatings very quickly, emits no VOC’s, is low odor, and is the most cost-effective method for protecting and maintaining concrete, marble and even hardwood floors in showrooms, manufacturing and processing plants, warehouses, hospitals, assisted living facilities, commercial office space and residential properties.

The result is an immediately usable, long-lasting floor that is exceptionally durable and very easy to maintain. Floors look great, and annual floor maintenance costs are reduced, because floors won’t need to be recoated as often, and fewer maintenance supplies will be required.

Standard features

- Self-propelled – no pushing necessary
- High-intensity (300W/in) and focused reflector provide high peak irradiance
- “Green” – no VOC’s or exposure to solvent vapors or flammability
- 200-240VAC, 30 Amp operation
- Emergency shut-down



Surface/Handheld Curing



Porta-Cure Handheld System

Porta-Cure Handheld Systems enable one person to easily cure surfaces and substrates that cannot be brought to UV curing equipment. A few examples include fiberglass bathtubs, countertops, pool cues, and flooring that need touching up. Porta-Cures are also used in testing laboratories and for new product development. All 3 models contain a medium pressure mercury vapor discharge lamp with high efficiency output in the 185-400nm UV cure range.

Standard features

- Lightweight, fan-cooled handheld lamp assemblies
- Remote power supply with 8' cable to lamp assembly
- 120V/60Hz power (220V, 50/60HZ configuration is available)
- Low-cost, dependable power supply

QPC-6 Systems

The QPC-6 is a portable, lightweight, all-in-one UV curing system that makes curing concrete and wood floors very simple. In addition to flooring, the QPC-6 can be handheld and used to cure inks and coatings on countertops and bathtubs.

The shuttered, proximity-sensor equipped lamp assembly assures exposure of only the selected surfaces, while the versatile lamp assembly allows the lamp to be mounted parallel, or perpendicular, to the “hockey stick” accessory’s direction of travel.

Standard features

- 30' lead from power supply to lamp assembly
- High-intensity output lamp (300W/in)
- Simple 120V/60Hz/16.5A operation
- All-in-one design with telescoping handle for simple transport

