

Mobile UV: Equipment

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Hand-Held UV Lamp



Hand-Held UV Lamp Specifications

- 3" Mercury Bulb
- 300 watts/inch
- 1000 mW/cm² UVA (10,000 W/m²)
- Lightweight: Under 2 lbs.
- 110 VAC-1200 Watts
- Safety Cradle

20" Rotary Floor Machine



Rotary UV Floor Machine Specifications

- Two 3" Mercury Bulbs
- 300-400 watts/inch
- 500-1000 mW/cm² UVA
- Lightweight: 30 lbs.
- Omni-Directional
- 220 VAC-3kW
- UV Light Dispersion

Proven End-User Applications

- Bathtub Refinishing
- Countertop Refinishing
 - Granite
 - Concrete
 - Overlays
- Wood Floors
- Concrete Floors

Market Expansion

Vinyl Tile

- Hospitals
- Grocery Stores
- Big Box Stores
- Department Stores

Equipment Improvements

- End-User Feedback
- Coating Requirements w/ Equipment
- Dispersion Methods
- Application Methods
- Safety, Training and Education

Bathtub & Countertop Refinishing



Refinished Bathtubs and Countertop (UV Technology)

Photos Courtesy: PBRA members



Floor Refinishing: Residential



Refinished Wood Floors (UV Technology)

Photos Courtesy: Sandmasters, Inc.



Concrete Flooring

Gray Pigmented Concrete (UV Technology)

Photos Courtesy: Allied PhotoChemicals



Conclusion

- Super-Portable UV curing equipment is now available for many on-site applications
- Under normal operating conditions, portable UV curing equipment is safe
- On-site UV curing applications will grow exponentially as the equipment and coatings continues to improve and end-users become more familiar with the technology