

# Mobile UV: Equipment

---

---

George Wakalopoulos  
CEO and President

Christy Dennis  
Marketing Director

ADASTRA Technologies, Inc.  
Torrance, CA  
[www.UVCureNow.com](http://www.UVCureNow.com)

RadTech UV/EB Conference  
May 25, 2010  
Baltimore Convention Center

---

---

# Hand-Held UV Lamp



# Hand-Held UV Lamp Specifications

---

---

- 3" Mercury Bulb
- 300 watts/inch
- 1000 mW/cm<sup>2</sup> UVA (10,000 W/m<sup>2</sup>)
- 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/cm<sup>2</sup> 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