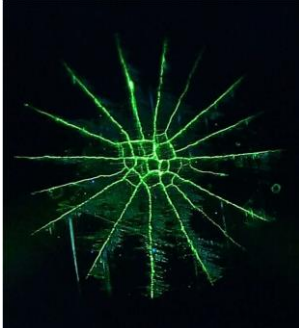
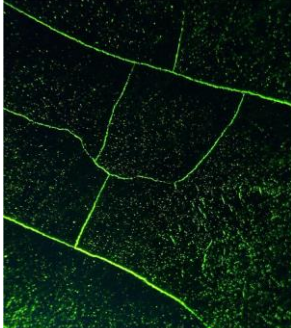



**Phoenix PX-45 Series**  
**Smart NDT LED UV Lamp**  
*with built-in HD Camera*

Meets Rolls-Royce RRES 90061 Requirements  
ASTM E1417, ASTM E1444, ASTM E709, ASTM E2297, ASTM E3022 compliant.



**THE PERFECT SOLUTION FOR DOCUMENTING FLUORESCENT INDICATIONS**

		
Close-up image of PSM-5 Panel Indication (PT)	Close-up image of MTU-3 Block Indication (MT)	MTU-3 Block Indication (MT)

**ASTM Code Compliant UV Lamp**

**Features:**

- 3 UV-A LEDs (365nm) and 1 White Light LED
- 4,500  $\mu\text{W}/\text{cm}^2$  UV-A @ 15" (38 cm) / less than 2 foot candles of white light
- 12.8 megapixel HD Camera for high resolution photos and videos of cracks and other fluorescent and visible indications.
- Meets ASTM UV-A intensity and wavelength specifications for FPI and MPI
- Touchscreen Zoom
- Data transmission via built-in WiFi, Bluetooth or Micro-USB connection
- 32GB Storage memory
- AC and Battery Operation with Battery Indicator
- IP67: Waterproof
- **Phoenix Pro Version Only:** Interchangeable Lens and Filters

## Uniform Beam even at close lamp to part distance



## High Definition (HD) 12.8 Megapixel Camera



## Data transmission via built-in Wi-Fi or Micro-USB connection





## Technical Specifications for Phoenix Series PX-45C and PX-45C Pro:

<b>LEDs:</b>	3 UV LEDs, 1 White Light LED
<b>Intensity:</b>	4,500 $\mu\text{W}/\text{cm}^2$ @ 15" (38cm)
<b>Visible Light:</b>	< 2 Foot Candles (5 Lux)
<b>Wavelength:</b>	365 - 370 nm (365nm Peak)
<b>Expected Lifespan:</b>	30,000 hours
<b>Coverage Area:</b>	8" x 8" / 200 x 200 mm
<b>Power Supply:</b>	Battery and Mains Battery: 18650 Lithium battery (rechargeable) Mains: AC 110V-240V/ 50HZ / single phase
<b>Weight:</b>	1.9 lbs. (860g)
<b>Cooling System:</b>	Mechanical without fan
<b>Battery:</b>	18650 Lithium Battery (2) (rechargeable)
<b>Function:</b>	Camera + Video with playback support
<b>Camera:</b>	HD 12.8 Megapixels
<b>Display Screen Size:</b>	3 inches
<b>White Balance:</b>	Automatic white balance
<b>Focus:</b>	Auto focus system
<b>Screen Resolution:</b>	720p x 720p
<b>Touchscreen:</b>	Capacitive screen, Multi-touch
<b>RAM:</b>	8GB
<b>Storage:</b>	32GB SD Card
<b>Data Transmission:</b>	USB, WiFi, Bluetooth
<b>Operating System:</b>	Android 4.4
<b>Others:</b>	Email, Calculator, Time Display, Data Display, etc.
<b>Compliance:</b>	RRES 90061, ASTM E1417, ASTM E1444, ASTM E709, ASTM E2297, ASTM E3022, ISO9001

### \*Technical Specifications for Phoenix PX-45C Pro (only):

Interchangeable Lens and Filters: Meets demanding photographing needs.  
(All other specifications are the same.)



## Phoenix PX-45C Standard and PX-45C Pro Lamp Kits Include:

- Phoenix Series LED UV Lamp
- AC Power Cable / Charger
- 18650 Lithium Batteries (qty. 4) (replaceable)
- UV Goggles
- Rugged Portable Carrying Case
- USB cord

