

CoroCAM™

CoroCAM III.

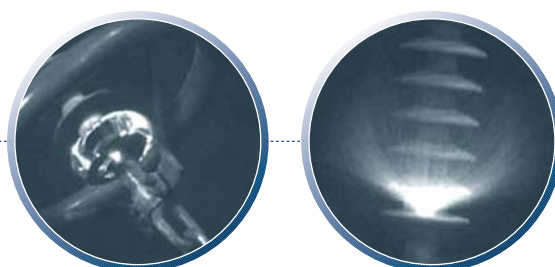


● LOW LIGHT CORONA / UV IMAGING CAMERA

CoroCAM III is the more sensitive low light camera in the CoroCAM™ range. It can be used in early morning and late afternoon conditions when the sun is not visible, in addition to night time and indoor use. It has a much better optical lens and filter system giving much improved image resolution and sensitivity than the CoroCAM I.

● FEATURES & BENEFITS OF COROCAM III

- Operates in certain daylight conditions and at night.
- Produces a high quality video image of the corona (this allows you to observe and record the exact source of the corona, the characteristics or type of corona).
- Portable.
- Optional portable video recorder that allows you to record results on-site.
- Durable battery belt and charger.
- Two selectable filters for optimising the corona viewing for all conditions.
- Fully automated and will set itself according to the ambient light conditions (i.e. the camera compensates for changing environments).
- Brightness and sensitivity adjustments for optimising the camera.
- Settings are selected via the "on screen display" on the LCD allowing for quick, easy adjustments.
- Self protected, and will shut down in conditions that are too light or too dark.
- A cost effective device for field, indoor or research work.
- Displays real-time video outputs of the UV activity from HV discharges.
- Able to clearly locate the origin of the discharges within line-of-sight.
- Problem areas of high electric stress can be quickly located and recorded.
- No artificial lighting required during night inspections.



M a k i n g t h e i n v i s i b l e v i s i b l e

● SYSTEM SPECIFICATIONS

Optics

Field of view:	5° Horizontal 4° Vertical
Focus range:	3 m to infinity
Filters:	UV wide bandpass filter UV narrow bandpass filter

Detector Sensitivity

Lifetime:	98% remaining after 1000 hours
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Video Camera Output

Camera resolution:	NTSC: 570(H) x 350(V) - TV lines PAL: 560(H) x 420(V) - TV lines
Scanning resolution:	525 lines EIA (NTSC) 625 lines CCIR (PAL)
System resolution:	470(H) - TV lines

Physical Dimensions

Length:	375 mm
Width:	100 mm
Height:	120 mm
Weight	Approximately 1.8 kg excluding battery

Display

Type:	LCD
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Battery-belt and Charger

Battery:	Hytron 50, Ni-MH
Battery run time:	Approximately 4-5 hours
Charger power supply:	100 V to 240 Vac

Temperature Range

Operating temperature:	-10 °C to 55 °C (LCD display 0 ° to 45 °)
Storage temperature:	-5 °C to 50 °C

* Specifications subject to change without notice.



● CONTACT DETAILS

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