

UV-Inspector Policheck NDT

UV LED Pocket Lamp – operable without warm-up time



Advantages

- Splash water-proof
- Break-proof up to 2 m drop height
- Plastic case with rubber reinforcement

UV-Inspector Policheck NDT		Art. no. 142.200.139
Operation voltage	4.8 V (4 x 1.2 V NiMh accumulator)	Suitable for applications in: <ul style="list-style-type: none"> • Non-destructive testing • Quality controls • Forensic technique
UV source	1 x UV LED	
Lifetime of LED	approx. 10,000 h	
UV intensity at a distance of 400 mm	approx. 11,000 $\mu\text{W}/\text{cm}^2$	
Light spot diameter at 1,000 $\mu\text{W}/\text{cm}^2$	80 mm	
Wave length	365 nm	
Emission half width	approx. 9.0 ± 1 nm	
Total weight	approx. 480 g	
Dimensions	230 x 75 mm	
Risk class acc. to DGZfP Guide EM 6	II	

Scope of delivery

- Hand lamp incl. 4 rechargeable NiMh accumulators
- UV protective glasses

Optional

- Universal charging device

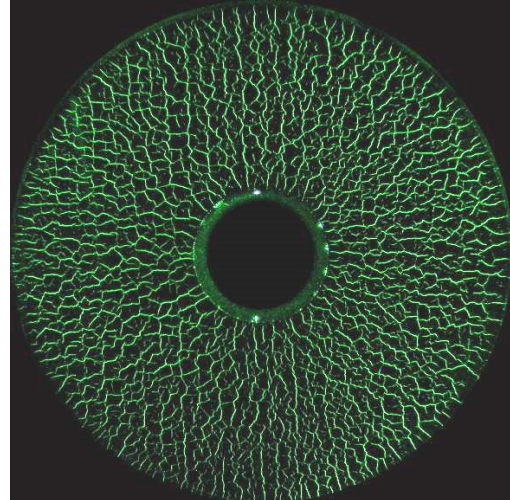
Heidgraben, May 2020
Subject to technical changes

Applications

Non-destructive materials testing



Fluorescent penetrant testing



Fluorescent magnetic particle testing

Criminalistic Investigation



Identification of forged credit cards, banknotes and other materials

Never look into the UV light beam! **Never** look into the UV light beam with focussed optical equipment such as magnifying glasses, telescopes or microscopes. In this context, correction eyeglasses **are not regarded as** focussed optical equipment.

Danger of eye injuries exist!

Eye protection by UV protection glasses (part of scope of delivery) is urgently recommended!