

## DMT CoreScan UV

### Get more from your core

**DMT CoreScan UV is the newest UV imaging tool supporting companies in mining and especially oil exploration. It is an important addition to DMT's unique 360° drill core scanner.**

DMT CoreScan UV can be operated as a stand-alone device or integrated in a DMT CoreScan3 system. All existing DMT CoreScan3 can be equipped with CoreScan UV. Both tools can be operated by one laptop.

Maximum image dimension of DMT CoreScan UV and the DMT CoreScan3 are identical. Single core up to a length of 1.05 m and core boxes up to 1.15 x 0.64 m are scanned with the DMT CoreScan UV in one image within seconds. Since images are taken both under white and UV light, mixed images can be produced anywhere between 0% and 100%. Based on a special setup and a combination of different optical techniques, the occurrence of light scattering and ghosting under UV light is minimized.

DMT CoreScan UV and DMT CoreScan3 fit into the same transport box, which acts as a dark chamber for DMT CoreScan UV. Both devices are fully mobile and can be moved to and off site easily.

DMT CoreScan UV images.  
Left: White light; Right: UV light



DMT CoreScan UV in operation



## Functions

- Applicable on any core drilling project
- Portable stand alone system
- Online global accessibility of core images
- UV and white light set up
- Mixing of UV and white light images
- Automated core box scanning
- Safety circuit under UV operation included

## Technical Specifications

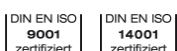
- Dimensions: Length: 1.43 m, Depth: 0.85 m, Height: 1.82 m, Weight: 190 kg
- Set of white light LEDs and customized UV LEDs
- 0 – 100 % mixing of white and UV light images
- full frame CMOS sensor camera
- Resolution: 8.688 x 5.792 Pixel
- Core length: up to 1 m
- Core box dimensions: up to 1.15 x 0.64 m
- Electric power supply: 100 - 240 V, max. 280 W
- Connection: USB 2.0
- Control software: CoreScan3

## Services

- Sale of the DMT CoreScan UV
- Training on the DMT CoreScan UV
- Sale of services
  - Imaging of drill core
  - Presentation of the UV fluorescence images in a continuous depth log

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