

**UV-LED-Lamp
with flood light
and remote control**

Magnetic particle testing



MULTIPULS-1003-UV-LED

UV-LED-Lamp

To make magnetic particles at a surface crack emit fluorescent (green) light during MT-Testing

Shock and splash proof design

Shock-proof suspended LEDs using silicon dampers
Thermal shock resistant glass front panel

Ergonomic design

Little overall weight
Well balanced housing
Ergonomically designed handle bar

Flood light

Additional flood light at the push of a button to assess negative crack indications

Remote control for MT-Testing unit MULTIPULS-1003

Remote control of MT-Testing unit via buttons at the handlebar of the UV-LED-lamp with flashing diode at working order

Fluorescent light MT-Testing at daylight

At higher illumination (daylight) through the high UV-irradiance the contrast remains between the crack indication and its surrounding (EN ISO 9934-1)

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Technical data:	MULTIPULS-1003-UV-LED
Power supply:	90 - 240 VAC, 50/60 Hz
Power consumption:	60 VA
Power supply:	IP 31
UV class of risk:	3
Intensity of UV-radiation:	at 200 mm distance: 170 W/m ² at 400 mm distance: 80 W/m ²
Spectral irradiance of flood light LEDs:	at 200 mm distance: 1.250 Lux at 400 mm distance: 650 Lux
Length of power cable:	2 m
Length of UV-LED-lamp cable:	5 m
Dimension of power supply:	width = 140 mm height = 150 mm depth = 200 mm
Dimension of UV-LED-Lamp:	B = 280 mm H = 250 mm Diameter = 140 mm
Weight of power supply:	1,8 kg
Weight of UV-LED-Lamp:	1,5 kg