

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

Magnetic particle testing

**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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<b>Technical data:</b>	<b>MULTIPULS-1003-UV-LED</b>
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 <sup>2</sup> at 400 mm distance: 80 W/m <sup>2</sup>
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