



## INDUCTIVE UV and WHITE LIGHT LED SOURCES

Inductive UV or White Light LED Sources are used while working with hand yoke or cross yoke electromagnets. The light sources have been designed for simultaneous irradiation (illumination) of the working area during testing with fluorescent or colour magnetic particle powder by single handed operation. The adjustable swivel head ensures the correct irradiation angle depending on distance between poles and length of the yoke legs in order to achieve a homogeneous irradiation field right in the center of the working area.

The splash-protected (IP 65) light source fits on all hand yokes with a pole cross section up to 50x50 mm.



The light sources can be fixed quickly and easily to the yoke leg and fastened with two plastic screws.

When switching on the yoke – viz. during magnetizing, post-magnetizing and the examination cycles – the unit is fed by inductive current and illuminates/ irradiates the working area. Therefore no additional power source is needed.

The light sources have proved of value, especially during testing under restricted space conditions, on construction sites and improvised test places where only limited space for using auxiliary instrument is available.

### Inductive UV irradiation source with swivel head



Art.No.	131.002.053
Operating current	appr. 500 mA
UV source	1 UV LED
UV LED lifetime	appr. 10,000 h
UV intensity at 70 mm dist.	appr. 2000 µW/cm <sup>2</sup>
Wavelength	365 nm
Weight	appr. 70 g
Dimensions	65 x 80 mm

### Inductive UV irradiation source with double swivel head



Art.No.	131.002.063
Operating current	appr. 500 mA
UV source	2 UV LED
UV LED lifetime	appr. 10,000 h
UV intensity at 70 mm dist.	appr. 3500 µW/cm <sup>2</sup>
Wavelength	365 nm
Weight	appr. 80 g
Dimensions	65 x 80 mm

### Inductive white light source with swivel head



Art.No.	131.002.054
Operating current	appr. 500 mA
White light source	1 white light LED
LED lifetime	appr. 10000 h
Light intensity at 70 mm dist.	appr. 1000 lux
Weight	appr. 70 g
Dimensions	65 x 80 mm