

- 230V operation
- Lightweight hand lamp
- Meets all NDT specifications
- Strong and rugged to withstand rigorous NDT use

DESIGNED ESPECIALLY FOR NDT INSPECTION

ZB 250 BLACK LIGHT

This portable UV(A) Black Light with its ergonomic design is especially suited to mobile applications



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The ZB 250 is a high intensity, hand-held, UV Lamp for use with fluorescent dye penetrant and magnetic particle inspection processes.

It generates and emits ultra violet light with a wavelength of 365 nanometres; the preferred wavelength for NDT Inspection.

The high UV intensity makes it possible to obtain exact examination results even in low light conditions. Also, when used in a fixed position within an inspection area, it is able to meet the light output required by NDT specifications, thus eliminating the need to hand hold.

The ZB 250 is lightweight, well balanced and has a cool running temperature. It is also certified and tested by TUV Bayern for its safe operation within production environments.

Specification and Operating Data

Power Supply	230V 50 Hz 1ph
Current Draw	2.40 A
Typical UN Intensity at 450 mm	2500 microwatts/cm²
Illumination Area at 450 mm	400 x 250 mm Penetrant to RPS 702 350 x 22 mm M.P.I. to RPS 700
Casing Temperature	Less than 50° C
Weight (Hand Lamp Only)	1.4 Kg
Total Weight	4.2 Kg
Lamp to Control Unit Cable Length	4.0 metres
Mains Supply Cable Length	2.5 metres

Units carry the C E mark and conform to the appropriate European Union Directives



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