

LECTROMAX 1500-100

HIGH INTENSITY BLACKLIGHT UNIT



LECTROMAX 1500-100 is a high intensity 100W blacklight unit, specifically designed for use in non destructive testing in conjunction with fluorescent penetrants and fluorescent magnetic fluids.

The unit conforms to British Standard BS4489, and AS3100 for electrical safety.

Peak output of 5,000 micro watts per cm² measured at 380mm from the light source, with a whitelight emission less than 10 lux, measured in accordance with C.I.E. standard photopic luminosity curve.

The lamp assembly is compact, and well balanced for ease of use over long periods, and is coupled to the control unit by a 2 metre cable.

When not in use, the lamp assembly stores on a post fitted to the control unit.

An optional bench stand is available for hand held inspections.

The blacklight lamp operates from a nominal 240 volt 50Hz supply and the control unit is fitted with a 2 metre long power cord and 3 pin plug.

A POWER switch is fitted on the front panel and a pilot light indicates when power is on.

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Other uses of the **LECTROMAX 1500-100 BLACKLIGHT UNIT** include -

- Traces sources of oil leaks by natural oil fluorescence.
- Checks welds in tanks for leaks using fluorescent additives.
- Locates residual solder flux contamination, e.g. on printed circuit boards.
- Detects contaminating hydrocarbons in liquids and gaseous oxygen systems.
- Makes invisible fluorescent coding inks glow brilliantly.
- Used for petroleum analysis, medical diagnosis, food and dairy product inspection, laundry mark identification, criminology classroom demonstrations, detecting fungus growth, rot, and many more applications.

The unit is guaranteed for 12 months. Globes are not covered by this warranty.

Spare parts available ex stock.

OPTIONAL ACCESSORIES

<u>OPTION 01</u>	Bench stand, (<i>Part No. 1500-01</i>) c/w adjustable swinging arm support assembly, for hands free inspection
<u>OPTION 02</u>	Machine stand, (<i>Part No. 1500-02</i>) c/w adjustable swinging arm support assembly, for hands free inspection
<u>OPTION 03</u>	Lamp wire guard (<i>Part No. 1500-03</i>)
<u>OPTION 04</u>	Replacement globe (<i>Part No. 1532M</i>)
<u>OPTION 05</u>	Ultra violet absorbing safety spectacle (<i>Part No. 1500-05</i>)
<u>OPTION 06</u>	Carry case (<i>Part No. 1500-06</i>)
<u>OPTION 07</u>	Fluid splash guard (<i>Part No. 1500-16</i>)

Packed Weight & Dimensions

Approx. 4.5kgs
26cm L x 52cm W x 26cm H

Manufactured by -

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