



OPTICURE 4



The Norland Opticure 4 Light Gun (P/N 5080 or P/N 5080T) is a small handheld light source which provides a high intensity beam of long wave ultraviolet light in an easy to control form. This light source is designed for continuous use on production lines where small areas of UV adhesive need to be cured quickly and precisely. It is recommended for bonding fiber optic splices, terminating connectors, lens bonding, printed circuit board repairs, wire tacking and mounting precision components in optics and electronics.

The Opticure 4 has a high intensity, quartz halogen lamp (P/N 5011) that gives a minimum output of 50mW/sq.cm in the 340-400 nm range. The unit may also be equipped with a bulb to cure visible material (P/N 5010) in the 420-470 NM range. When the light source trigger is activated an audible tone sounds every ten second the operator is in complete control of the operation of the light. At any time the curing cycle can be discontinued by pressing the trigger switch. The light is focused into a 84mm long, swivel mounted, curved fiber optic light guide, which gives the operator great versatility in directing the light. The fiber optic tip should be held within 1/2" of the surface being cured to provide full intensity. The Opticure 4 saves time because it concentrates the light exactly where it is needed to speed the cure.

The light gun can be made more versatile with accessory light guides available in larger and smaller diameters and lengths. Because of the high intensity UV and visible light emitted by

Power Supply:

Input Voltage	117V, 60Hz
Timer	Solid State 20,30,40,50 sec. and continuous
Lamp Input Power	75 Watts
Dimensions	10.0"W x 5.5"H x 9.5"D
Part Number	5080T

Curing Unit:

Bulb	12 V Quartz Halogen
Intensity	Minimum 50mW/cm ² in 340-380 nm range
Power Cord	6 Ft. Retractable
Light Guide	Fused Quartz Optical Fibres, Curved, 11mm Diameter X 84 mm Long





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the unit, protective glasses are recommended for the user.





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A pair of protective glasses are included when you purchase any Opticure 4.

The Opticure 4 also can purchased with a timer that has 10, 20,30 ,40, 50 second and continuous settings. The Opticure 4 T (P/N 5080T) is recommended for use on production lines that have a procedure requiring specific time requirements for curing. The timer makes it easier for the operator to follow the curing procedure.

