

Description of Device.

Generic name of device: Amber 300 – Perspex Coverings

Model name: Photo-therapy Light Shield

Model number: PP8000 Series

Brief description of device and other devices designed to be used in combination with it:

Flat sheets of Amber Acrylic 300 (Perspex), shaped to form small enclosures designed to surround the head, to reduce the intensity of light falling on an infants eyes during photo-therapy. Standard sizes are available covering a range of patients; neonate, infant & paediatric. Specials are manufactured to order.

The Spectral Response curve, which has been checked by the National Physics Laboratory, shows the Amber 300 material removes almost all the Ultra Violet and Blue Lights in the 300-500 nm region.

There are several versions of Photo-therapy Light Shield available:

1. Open Light Shield

This consists of one panel formed to cover an existing Neonatal or Paediatric Oxygen Hood. This is most suitable for Photo-therapy units which direct light through a 180 degree plane at right angles to the device, as neither the front nor the rear is shielded.

2. Semi Head Box Shield

A range of covers with one end enclosed with a neck aperture allowing for the siting of the device over the infants head, thus allowing the head box to follow the baby's movements whilst still preventing the Ultra Violet light from entering from the front, sides and top.

3. Complete Oxygen Hood

This version reduces the need for a separate shield over the transparent Oxygen Hood. It is also the most efficient and safest, as it allows the photo-therapy light to be used at any angle without any having the chance to enter the Hood.

4. Specials

A standard range of the above products is available, however it is appreciated that the user may have different requirements. Specials are available on request: the only limitation is the specification to ensure no Ultra Violet or Blue Light reaches the patients eyes.