

## Air-Shields® PT1400-3

### Phototherapy/ Procedure Light

#### Application

The Air-Shields® Phototherapy/ Procedure Light is a flexible, multipurpose product, ideal for use as supplemental phototherapy when infants are not responding sufficiently to phototherapy. The unit can be used to achieve higher irradiance levels than existing units. The Air-Shields® Phototherapy/Procedure Light can also be used to illuminate the field when an examination light or nursery ambient lighting may not be sufficient.



Air-Shields®  
A Dräger Medical Brand

## Features

### Multiple Mounting Options

The Air-Shields® Phototherapy/ Procedure Light can be purchased on a freestanding, mobile base allowing easy movement from bed-to-bed or around the bed. It may also be mounted to a wall or as an accessory for use above a surgical table to illuminate the field.

### Adjustable Light Intensity

The output of the Air-Shields® Phototherapy/Procedure Light can be adjusted with integral filters. Depending upon the phototherapy requirements, output can be increased or decreased to achieve desired results without moving the unit.

### Adjustable Beam Angle

The beam angle can be adjusted to deliver a smaller or larger field of illumination. This also changes the peak output and can further increase illumination.

### Adjustable Height

The height of the unit can be raised and lowered 12" (30 cm) from the horizontal position providing optimal irradiance level for phototherapy and/or sufficient illumination of the field.

### Adjustable Lamp Housing

The lamp housing can be rotated and tilted to optimize the irradiance level for phototherapy, or for proper illumination of the field, even at extreme angles.

## Technical specifications

Input power	115/120 volts AC, 50 to 60 Hz, 175W nominal 230 Volts 50/60Hz, 175W nominal
Light intensity control	Variable from 25% to 100%
Light source	20 volt, 150 watt quartz halogen lamp, 1000 hours under normal use
Irradiance	7( $\mu\text{w}/\text{cm}^2/\text{nm}$ ) at 30 inches (76.2cm) 400-500 nm wavelength, controlled by light intensity and lamp to patient distance
Positioning adjustments	3 swivel mounts 1 gimbel mount
Beam spot size	3 to 20 inches in diameter, controlled aperture size and lamp-to-mattress distance
Dimensions (lamp housing and yoke)	16.5 cm (h) x 17.8 cm (w) x 38.1 cm (d)
Supporting arm	88.9cm
Pole and base	137cm
Shipping weight	18.2 kg
Part numbers	MU20510      PT1400-3 MU03913      PT1400-3*
	*Wall Mounted to be with IICS-90

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