

### Photonic Fibre Optic Systems

The Photonic range of cold light fibre optic units are of Austrian manufacture with a stylish modern design. Photonic is one of the leading companies in the opto-electronics industry and have particular experience in the field of light projection and fibre optics.

- The low weight units have an infinitely variable intensity control that incorporates a soft start and turbo boost that considerably lengthens the bulb life.
- The units have a very low noise level with very little vibration, and have been designed to be stackable.
- The Photonic power units are available in three forms giving 30 watt, 100 and 150 watt output respectively. The dimensions of the units are the same irrespective of the level of output. Available as 110v as well as the standard 240v.
- In addition to the standard goose or swan neck bendable light guides there are flexible units that have no self support. A further option of two goose neck guides attached to a single flexible guide allows the bendable light guides to be attached to a microscope stand at a distance up to 800mm from the power source.
- The Photonic light guides have a unique structure that eliminates the tendency for fibre optic guides to have a centre dark spot at some focus points. Intensity can also be increased by additional focus lenses that fit over the end of the guides.
- A 60mm diameter ring light with a unique variable focusing attachment, together with a range of filters including polarisation and fluorescence are available. The filters can be introduced via a filter slot in the power base of if preferred, each light guide can be fitted with individual filters.
- All units have an easy bulb change system. The lamps emit light with a colour temperature in the turbo range of 3200K and with a daylight filter 5400K.
- All units are supplied with goose neck guides (either single or double) as standard. These can be replaced by flexible light guides if required. Goose neck guides are 550mm in length and 4mm in diameter, and the flexible guides are either 800 or 1200mm in length with a diameter of 4.5mm.
- Power unit dimensions 268 x 168 x 120mm. Weight 1.5Kgms (without guide)



Incident light guide	P101	Slot in filter daylight	P107	Focusing lens filter red	P113
Ring light four point	P102	Slot in filter green	P108	Focusing lens filter yellow	P114
Ring light continuous	P103	Slot in filter red	P109	Spare bulb 30watt	P115
Focusing lens for light guides	P104	Slot in filter yellow	P110	Spare bulb 100watt	P116
Polarising filter set	P105	Focusing lens filter daylight	P111	Spare bulb 150watt	P117
Fluorescence filter set	P106	Focusing lens filter green	P112	Dual flexible light guide	P118

### Educam CCTV

The Educam is a multifunctional analogue video camera. The focusing lens has a variable focal length from 1/4" to infinity. This allows small objects to be viewed in close as well as using the Educam to view objects through a microscope. Can also produce a PC image via a PCI card.

- Additionally the unit which is mounted on a flexible arm, can be used as a conventional CCTV camera for general filming. This degree of flexibility renders the Educam a popular educational tool both for schools and home use.
- The unit comes complete with compound, stereomicroscope and scart adapters together with the required cabling.
- Automatic white balance and gain control. Video signal PAL compatible with VHS - European market only.
- Base dimensions 175 x 145 x 45mm. Weight 3Kgms

