

Ultra-Violet Radiation Test Equipment (Eye Protectors& Helmets)

Description:

Comprises a 1m diameter by 750mm high sheet steel “tank”. The xenon arc lamp is located vertically on the central axis so that the radiation is radially outwards. Samples are held in “finger” clamps (which are supported on a number of concentric hoops positioned at various heights), so that the samples are facing inwards towards the radiation. Up to about 60 single oculars can be accommodated at once.

The lamp is either an XBO/450 W/4 or an XBO/450 OFR and is powered by an appropriate power supply and control gear.

A fan is located in the lid of the tank, above the lamp. This draws ambient air into the tank to keep the lamp and test specimens cool.

Note: The equipment will also cover industrial safety helmets to the EN 397 : 1995

Services required:

Floor mounted. Mains electricity – 230/115vac, 50/60Hz – please specify. Ozone is produced by the lamp and it is necessary for you to supply an extract fan and ducting to exhaust this to the outside of the building.

Approximate packed size & weight:

100 x 120 x 120 cm : 150 kg

Relevant standard:

EN 168 : 2002, para 6.1
EN 397 A1 : 2000, para 6.2.6
EN 1836 A1 : 2005, para 6.7 (with ozone free lamp)

Delivery: 12 weeks from receipt of order and deposit.

Effective: May 2008

