

Film viewing unit

This unit combines a large viewing area and a very bright light output.

Thanks to its unique combination of an infrared filter and a diffusion filter, the film never gets too much heat from the powerful lights but also the light density of the viewing surface is constant all through the area. Halogen lights are providing the right white colour shade for improving viewing comfort of the inspector. A sturdy remote foot switch gives the operator the possibility to adapt light to density of the film in an easy and convenient way.



Extreme luminance

The unit is eminently suitable for evaluation of large radiographs of castings and concrete components, with high overall and detail optical density, and also for superimposed duplicate films.

Comfort of use

The comfort of use of this unit makes interpretation much easier and less tiring. The immediate result can be an IQI visibility increased because of the better acuity of the operator. The evaluation of normal dense radiographs may be done quicker and at the same time more reliable. Light can be put on continuously or switched by a foot pedal to the required light level. The foot switch mode also prevents glare by adjustable background luminosity.

Masks

Three masks with positioning bracket are supplied with the unit for viewing of weld radiographs. The masks can be reliably fixed into place on the front panel using two powerful sintered magnets. The magnets are recessed flush into the otherwise completely flat front panel.

Specific shape viewing

When film details or defined small areas are to be viewed, one can use our optional Iris Diaphragm which allows area sizes from 6 to 120 mm diameter.

The iris diaphragm unit is fixed on the front panel of the viewer by two powerful sintered magnets in the same way as the other additional masks. It may be adapted to or removed from the front panel within seconds. The diaphragm plane is positioned very close behind the clear protecting glass sheet, thus producing a sharp-edged border of detail areas in radiographs.

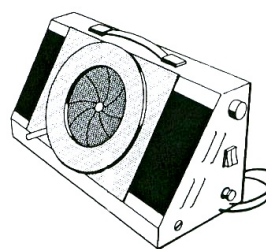
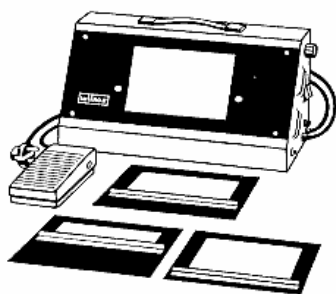
The iris diaphragm is a really valuable completion of the film viewing system.

Low voltage and triple transformers

This unit uses low voltage 24V lamps which are known to be brighter and giving higher rendering than conventional bulbs. All lamps are connected to a specific low voltage transformer which ensures that you will always be able to view films even when a transformer or a bulb is not working.

Specifications

Mechanical		
Width	mm	412
Height	mm	210
Depth	mm	173
Weight	kg	11
Viewing data		
Luminance	Cd/m ²	± 200 000 at rated average
Max opt. density	EN 25 580	4.3
Viewing area	cm	12x18
Electrical data*		
Mains	V	230
Frequency	Hz	50
Power	W	500
Halogen bulbs	V	24
Number of bulbs		3
*other mains-supply versions on request		
Misc.		
Coating		Synthetic resin enamel
Three additional masks	cm	5x18
with positioning brackets	cm	8.5x18
	cm	12x18
Electronic brightness control		0 to 100%
Optional accessories		
6 to 120 mm diameter Iris Diaphragm		



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Distributor

All specifications are non contractual and are subject to change without prior notice