

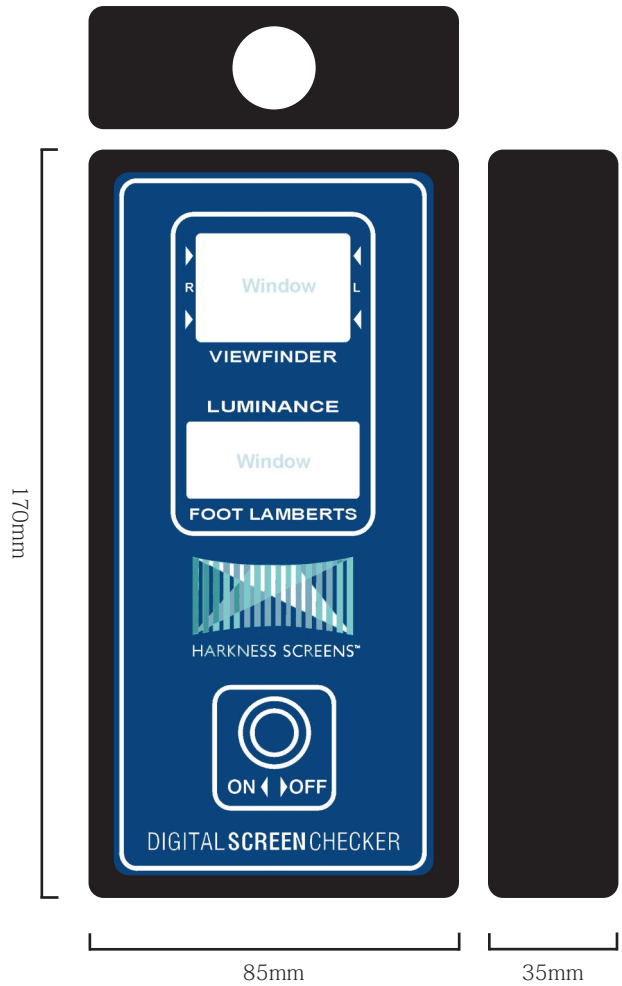
The Digital Screen Checker from Harkness Screens is a low-cost hand-held digital cinema device for accurately measuring screen brightness, expressed in foot lamberts. An ideal tool for projection managers / projectionists or service engineers to monitor screen brightness and lamp life, the Digital Screen Checker helps exhibitors to ensure that their presentations remain at optimum levels and ensure DCI-compliance.

The battery powered Digital Screen Checker provides instant readings for both 2D and 3D screens and is calibrated to be accurate even in the lower ranges used in 3D projection. The foot lambert reading is shown on an LED digital display and is expressed to at least one decimal place. The Digital Screen Checker ships with a mounting tripod and 3D glasses holder.

- Measure screen brightness during lamp installation and periodic readings to confirm DCI screen compliance
- Ensure screen consistency throughout the cinema
- Measure screen brightness (with a range of 0ft/L to 30 ft/L)
- Gain instant accurate readings for both 2D and 3D screens
- Easy to use with simple optical screen alignment viewers, mounting tripod and 3D lens holder

Screen Checker will aid projectionists to focus the lamp in the lamp house, optimising the distribution of light on screen and improving the quality of film presentation. International standards for screen brightness (SMPTE) recommend a brightness level of 16fL at the centre of the screen with not more than 10% degradation at the edges. With Screen Checker it is quickly possible to determine if recommended light levels are being achieved.

This is ideally done when installing a new Xenon lamp and then periodically to measure illumination degradation of the system. This can determine when the rectifier current must be increased due to dull light, or the need for the lamp, or screen to be changed.



Operation:	Handheld or Tripod Mounted/ Directional
Control:	Depress button (auto off functionality)
Measurement Range:	0 - 30 foot-lamberts
Display:	3-digit digital display (one decimal place)
Construction:	High impact polypropylene
Service:	No serviceable parts (except battery)
Colour:	Black
Size:	63mm (2.5in) x 137mm (5.5in) x 25mm (1in)
Weight:	300g (10.5oz) - including battery
Power:	1 x PP3 9v Battery
Battery Life:	4 - 5 hours (continual use)
Accessories:	Carry case, 3D lens holder, torch and tripod stand

The low cost of the unit enables a cinema chain to issue a Screen Checker to each location, therefore ensuring a consistent standard of film presentation.

- Put white light on screen
- Position yourself centrally in the auditorium and ¾ back from the screen
- Switch off the house lights
- Align the units optical viewer with the screen
- Press the front panel button and record the reading
- Adjust the projector lamp output to give the required light levels on 2D and 3D

Full operating instructions are available. Visit www.harkness-screens.com to download these.

In the interest of product enhancement, Harkness Screens reserves the right to introduce modifications or alterations without notice.



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