

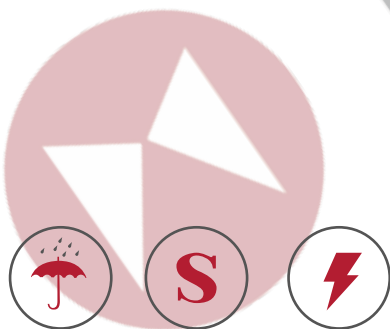
MG100

Professional manufacturer, best quality with competitive price ●

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Portable LED View Film Lights



Overview

Mitech MG100 portable LED view film lights, can check the X-ray film one by one. With high-power LED light source, surface observation screen acrylic material, stable performance, strong structure, high uniformity, simple operation, user-friendly LED limit temperature, stepless dimming, can meet the needs better, which is widely used in X Ray detection for film observation and evaluation. It is the necessary professional precision testing equipment for improving production efficiency and saving production costs.

Technical Parameters

Technical Specifications	Technical Parameters
Maximum brightness	≥400 , 000LUX
The maximum blackness value can be observed	≥5.0D
Uniformity coefficient	g≥0.9
Scattering coefficient	≥0.9
Work 12 hours continuously of maximum brightness, the surface temperature rise	≤60°C
Observation window	253mm*68mm
Rated power	200W
Power supply	AC170 ~ 240V , 47 ~ 63Hz
Dimension	464*76*177mm
Total Weight	3.4kg

Features

- Widely used in the field of industrial testing and evaluation of radiation film negatives;
- Use high power LED light source, high brightness, uniformity is good;
- Compact design, durable, suitable for field mobility work;
- Use acrylic plate on the screen, good light transmission, diffuse scattering performance, durable;
- Can clearly observe the 5.0D above the black film on the small defects, which meet the daily needs;
- Limited color temperature within 6500K LED , do not hurt the eyes, long time use is not easy to fatigue ;
- Through the low-voltage electronic pulse width modulation, can achieve brightness stepless dimming, more to protect the safety of users;
- The use of advanced constant current drive, greatly extending the service life (up to 50,000 hours or more);
- With pedal mode and manual mode, to meet the different working habits, energy saving and environmental protection; Consistent with JB/T4730-2005 《Non-destructive testing of pressure equipment》 、 GB/T 19802-2005 《Industrial radiography film film》 and other relevant domestic and foreign standards.

Working Principle

The principle of the LED view lamp is fixing the film containing the image information on the observation screen, then the light emitted from the inner light source is scattered through the film through the observation screen to see if there is a defect on the film, and the sample is qualified according to the relevant standard.

Scope of Applications

- Widely used in the field of industrial testing and evaluation of radiation film.

Applications

- Quality control link of Metal processing manufacturing;
- Quality control link of nonmetal manufacturing industry;
- Teaching experiment of scientific research in Institutions of higher learning;
- Quality inspection link of Quality inspection department.

Working Conditions

- Operation Temperature: 0 ~ 40°C ;
- Relative humidity: ≤85% ;
- In an environment free from corrosive medium ;
- In an environment free from high magnetic field.

Configuration

	NO.	Name	QTY.	Remarks
Standard Config	1	Main unit	1	
	2	Foot switch	1	
	3	Attchment files	1	



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