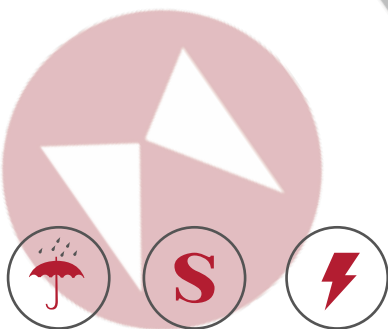


# MG200

Professional manufacturer, best quality with competitive price ●  
Recommended by the world UT NDT inspection association for training and examination ●  
Core technology with independent intellectual property rights, certificate of CE, GOST and etc.. ●

## Portable industrial LED film viewer



### Overview

Mitech MG200 portable industrial LED film viewer, can be viewed one by one for the X-ray film. The use of high-power LED surface light source, acrylic material observation screen, stable performance, strong structure, high uniformity, simple operation, user-friendly limit LED color temperature, promise dimming, can be better meet the needs of the use, it is widely used in X-ray inspection for film observation and evaluation, it is to improve production efficiency, save production costs necessary professional precision testing equipment.

## Technical Parameters

### Technical Characteristics

Maximum brightness
The maximum blackness value can be observed
Uniformity coefficient
Scattering coefficient
Continuous maximum brightness work 12 hours, the surface temperature rise
Watch window
Rated power
Power supply
Dimensions
Total weight

### Technical Parameters

$\geq 100,000 \text{ Cd/m}^2$
$> 4.5D$
$g \geq 0.9$
$\geq 0.7$
$\leq 40^\circ\text{C}$
400mm*100mm
200W
AC170 ~ 250V , 47 ~ 63Hz
550*150*200mm
6.8kg

## Features

- Widely used in industry for radiographic testing field observation and assessment;
- Using high power LED light source, high brightness, good uniformity;
- Exquisite design, strong and durable, suitable for field work liquidity situation;
- Use yakeli board view screen, pervious to light and diffuse scattering performance is strong, durable;
- Can clearly watch more than 4.5 D minor defect in black for negative, meet the demand of daily use.
- Limit LED color temperature of 8000 k, it does not hurt the eye, use for a long time not easy fatigue;
- Through the low-voltage electronic pulse width modulation, can achieve brightness stepless dimming, more to protect the safety of users;
- Adopts advanced constant current drive mode, which greatly prolong the service life (50000 hours);
- With pedal mode and manual mode, to meet the different working habits, energy saving and environmental protection;
- Meet the JB/t4730-2005 "non-destructive testing of pressure equipment", GB/T 19802-2005 "industrial ray photographic film viewing lamp" and other relevant domestic and foreign standards.

## Working Principle

The principle of the LED film viewer is to fix the film containing the image information on the observation screen, light sources emit light from within by viewing screen scattering through the film, watch the film sample whether there is a flaw, in accordance with the relevant standards to determine the sample is qualified or not.

## Application field

- Widely used in industrial inspection field of radiation film observation and evaluation.

## Working Conditions

- Operating temperature:  $-10^\circ\text{C} \sim 45^\circ\text{C}$  ;
- Relative humidity:  $\leq 85\%$  ;
- No corrosive media in the surrounding environment;
- No strong magnetic field interference in the surrounding environment.

## Configuration

	NO.	Name	QTY.	Remarks
Standard Config	1	Host	1	
	2	Foot switch	1	
	3	Shading board	1	200*75mm ; 200*60mm
	4	Attached fiels	1	