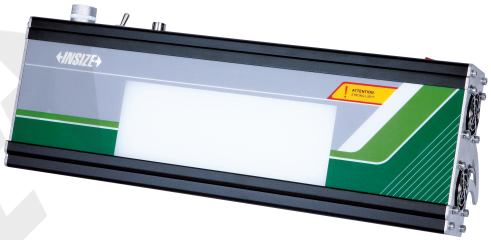

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RXT-F290

INDUSTRIAL VIEWING LAMP

OPERATION MANUAL

PLEASE SCAN QR CODE TO WATCH THE OPERATION VIDEO OF PRODUCTS.

VIDEO

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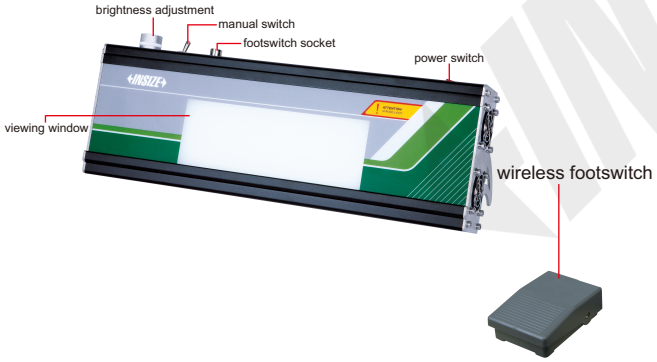
SYNOPSIS

Industrial LED film viewer lamp, our company synthesized the advantages of the previous industrial film viewer lamp, to overcome the traditional fluorescent film viewer lamp brightness is low, poor contrast, the shortcomings of fast attenuation, and developed a, brightness range of more than 30-800, 000 LUX, in full compliance with the JB/T4730-2005 "non-destructive testing of pressure equipment", JB/T7903-1999 "industrial radiography film viewer" standard, NB/T47013-2015 "pressure equipment non-destructive testing" and GB/T19802-2005 "industrial radiography film viewer lamp" standard. Lamp" standard, NB/T47013-2015 "Pressure Equipment Nondestructive Testing" standard and GB/T19802-2005 "Industrial Radiography Negative Viewing Lamp" standard. Portable, sturdy and practical appearance design makes it quite suitable for working in the field mobility occasions. The light source adopts high-power LED surface light source, which is your right hand for film evaluation.
Working principle: Using DC constant current power supply drive directly into visible light.



FEATURES

1.Ultra-high brightness
RXT-F290 ＞170000cd/m² （500000 LUX）

2.High uniformity
Even when the brightness is set to the lowest, there are no bright or dark areas on the light surface.

3.Long life-time
LED light source, Working time ＞60000 hours, 10 times longer than ordinary fluorescent lamps. Good shock resistance, do not need to worry about long-distance transportation or field work.

4.Stepless Dimmer
Using PWM pulse width modulation method to achieve 2%-100% ultra wide range dimming.

5.Real cold light source
The aluminum alloy shell is used for easy heat dissipation, low heat generation and no damage to the film. Imported high-efficiency LEDS are selected to achieve low power and high brightness.

6.No warm-up time is required, Fast startup
Suitable for frequent switching, and the number of startup times will not affect the life of the light source.

7.Low Noise
Japan imported bearing fan, high speed, low noise and fast heat removal to ensure a good working environment.

8.Wireless Foot-switch (Optional)
Improve operation convenience and get rid of cables.

SPECIFICATION

Brightness	170000cd/m² (500000LUX)
LED quantity	280pcs
Observable blackness	4.2D
Maximum area of viewing window	220×75mm
Power consumption	100W
Power supply	100~240V, 50/60Hz
Dimension	456×154×68mm
Weight	3.5kg

Usage Tips:
Turn the brightness adjustment knob clockwise to turn it from dark to bright. Please adjust the knob to the darkest before use to avoid glare when turning on the light.
Working mode: intermittent working mode.

Manual Mode
Toggle the switch to manual, turn on the power, then press the power switch to light up the window, the viewing light is steplessly dimmed by the dimming knob. Place the radiographic film in the observation window, manually adjust the brightness adjustment knob, and turn it clockwise to change from dark to bright, which is suitable for viewing the film.
Foot Mode (Recommended)
Toggle the switch to the foot pedal to make the foot switch work, turn on the power, and press the main power switch to turn on the power, the film viewer lights up at the lowest brightness, which is convenient for you to check the film number, and can also be used as a desk lamp. The low brightness can prevent the strong light from directly irradiating the eyes, and avoid the glare effect of the users' eyes. Step on the foot switch and the film viewer lights up normally, the viewer light is steplessly dimmed by the brightness adjustment knob to meet the requirements of viewing. Choose a suitable brightness to observe the film, and release the pedal when you are done. Then the film viewer is at the lowest brightness, and you can replace the next film to repeat the above operation.

Matters needing attention
The higher the brightness of the industrial LED film viewer, the greater the power, and the natural temperature will be relatively higher. During use, the light barrier and film should not be placed in the observation window for a long time, and the foot switch can be used to control the working status. Do not keep the film viewer in a high-brightness working condition for a long time, so as not to affect the life of the film viewer. Do not cover the observation window with any covers, or the surface heat will be conducted to the coverings. This is a physical property that cannot be avoided. The heat will accumulate and not be dissipated, and the temperature will get higher and higher for a long time. Being in a high temperature state will affect the service life of the instrument

STANDARD DELIVERY

Main unit	1pc
Light barrier	1pc
Fuse	2pcs
Wired footswitch	1pc

OPERAFAULT RESOLUTION

Troubleshooting 1:
No matter how you turn the dimming knob, the viewing light is very dim.
Solution:
Check whether the switch is in manual mode. If it is at the pedal position, it means that you are currently in the pedal mode. At this time, the film viewer is in the lowest brightness display state. When you step on the pedal switch, the maximum point will be activated Bright, and the brightness can be adjusted by the dimming knob.

Troubleshooting 2:
In the foot pedal mode, press and hold the foot switch, the brightness of the film viewer does not change.
Solution:
Check whether the film viewer is at the lowest brightness, and adjust the brightness steplessly through the brightness adjustment knob to achieve the brightness required for the viewing.

Troubleshooting 3;
Plug in the power and press the power switch, the viewing light will not be on or the brightness will not change.
Solution:
1.If the brightness does not change, check the position of the switch and toggle it.
2.If the film viewer does not light up, please check the fuse under the power cord plug on the back panel, and remember to power off!

If it still does not light up, do not disassemble by yourself