



**QUALITY EQUIPMENT
DISTRIBUTORS, INC.**

**For All Your NDT Equipment, Supplies
and Service - Think Quality!**

Portable LED Film Viewer combined with a Densitometer

QVL17-D



- **Densitometer Accuracy: $\pm 0.02D$**
- **Electronic Light Mask**
- **Viewing Window: 3.75" W x 15.75" L**
- **5 Year Parts Warranty**
- **CE Approved**

MAX LUMINANCE = 120,000 Cd/m²

Uniformity = 0.95

Diffusion Factor = 0.95

Characteristics:

- **Luminance: 120,000 Cd/m²**
- **High Accuracy: $\pm 0.02D$**
- **Uniformity: 0.95, Diffusion Factor: 0.95**
- **Window Size: 3.75" W x 15.75" L**
- **Low Profile and Light Weight**
- **Surface Temperature After 12 Hours
Max Luminance $\leq 59^{\circ}F$**
- **No Fan Design, Integral Aluminum
Design, Stays Cool and Quiet**

What is an electronic light mask?

Traditionally we use a series of metallic light masks which overlay on the surface of the film viewer. It is inconvenient to replace light masks when you want to change the size of light, in addition energy is also wasted because the metallic light masks simply masks the light where you do not need, but the entire light screen is still turn on.

Electronic light mask are controlled by electronics. The QVL17 light screen is divided into 6 areas, you can turn on or turn off each section of light by pressing one button. With the help of it, you just turn on the area you need, it will be convenient when you change the size of light, low heat and low energy cost.

The size of light will be switched as below:

3.75" x 15.75"

3.75" x 2.62"

3.75" x 5.24"

3.75" x 7.86"

3.75" x 10.48"

3.75" x 13.10"



Spare parts list:

Description	Quantity
Power Supply	1
Foot Pedal	1
Light Mask (2.75" x 15.75")	1
Mounting Brackets	1
Manual & Test Report	1

Specification:

Max Luminance: $\geq 120,000 \text{ Cd/m}^2$

Diffusion Factor = 0.95

Surface Temperature Rise $\leq 59^{\circ}F$
After 12 hours continuous maximum luminance

Dimensions: (Length x Height x Thickness)
24.4" x 7.08" x 1.96"

Uniformity: $g = 0.95$
High Accuracy: $\pm 0.02D$

Viewer Window: 3.75" x 15.75"

Power: 85 – 264 VAC 47~63 Hz
(Full Range)

Weight: 7.72 lbs.

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