

GEL ELECTROPHORESIS ACCESSORIES



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Used in Forensic, molecular biology, genetics, microbiology labs, gel electrophoresis instruments.

LTGEL8-1 BLACK-BOX TYPE UV ANALYZER

Equipment can be installed with digital camera to shoot and take photos.

302nm wavelength has small less damage to the sample with high sensitivity.

Fully enclosed with high quality metal black-box. No need to operate in darkroom.

Convenient to use, simple to operate.

Drawer type objective table is convenient to take samples. Left and right sides of the opening door is convenient for visual operation.



SPECIFICATIONS

Model	LTGEL8-1
Voltage	AC 220V / AC 110V, 50Hz
Dimensions(LxWxH)	315x350x520 mm
Transmission Wavelength	312 nm, 254 nm, 365 nm optional (standard configuration is 302 nm)
Transmission Filter Size	200x150 mm
Observation Window Size	140x60 mm
Camera lens aperture	54 mm
Power	8W x 6

LTGEL8-2 BLUE LIGHT TRANSILLUMINATOR

Blue light prevents users easily exposed parts from UV damage. It has also no damage for DNA fragments.

Long life and strong illumination due to 108 pieces of LED light. Suitable for observation of large range of fluorescent. High luminance, high sensitivity and good homogeneity.

It can be used individually blue-ray module. Low background values. No side.

Screen plate fixed at random. Angle adjustable, single handedly can operate, which makes its more easily watch gel.

Compared with the traditional UV transmission instrument: uniform trans-illumination blue-ray module, sample observation more symmetrical and photo's effect is better.

Import good quality LED bead. Long term energy conservation and environment protection. No need to replace bulbs. Free maintenance and long service life of LED can reach to 50000 hours.

Perfect observation with full size transparent optical filter. Safe operation, no need to wear safety glasses or other protection device.



SPECIFICATIONS

Model	LTGEL8-2
Wavelength	470 nm
Max. Gel Size	100x150 mm
Voltage	DC 24 V Power Adapter
Dimensions(LxWxH)	210x210x30 mm
Net Weight	1.4 kg

LTGEL8-3 HANDHELD UV ANALYZER

Compact designed, simple operation, one-key switch the wavelength.

With a battery, can be used for a long time without electricity.

Optional H-type stand fix the UV analyzer to meet special operational needs.

H-type stand for optional to fix the instrument, meet the demand of special operations. It can adjust height and angle.



SPECIFICATIONS

Model	LTGEL8-3
Wavelength	Dual 365 nm, Dual 254 nm or 254 nm combine with 365 nm
Voltage	DC 12.6 V
Power	≤ 6 W
Dimensions(LxWxH)	75x440x51
Net Weight	0.7 kg

LTGEL8-4 UV TRANSILLUMINATOR

Humanized design of the whole machine, the UV protection board can be stepless adjust at any angle and positioning, to ensure the best protection of UV light and does not affect the observation.

Compact sealing structure design ensures that the cutting operation and the cleaning and cutting platform are free of leakage, which greatly reduces the possibility of gel contamination and internal damage caused by leakage and greatly improves the service life of the UV cutting instrument.

The special UV filter glass has good permeability to specific wavelength UV, which can ensure higher detection sensitivity and enhance the signal capture capability of the weak band.

Reasonable structural design and high quality UV lamp.

Compact shape, easy operation and sealed structure make the maintenance of the instrument simpler. Self-contained fan cooling device, extend the service life of the machine.



SPECIFICATIONS

Model	LTGEL8-4
Voltage	AC 220 V 50 Hz
Dimensions(LxWxH)	280x335x137 mm
Net Weight	5.4 kg
Transmission Wavelength	302 nm, 254 nm, 365 nm optional (standard 302 nm)
Filter Size	197x147 mm
Power	8W x 6

LTGEL9-1 ULTRA BRIGHT BLUE/GREEN LED TRANSILLUMINATOR

Accuracy-CV<5% across the viewing area

Sensitivity-High contrast, up to 1 ng nucleic acid

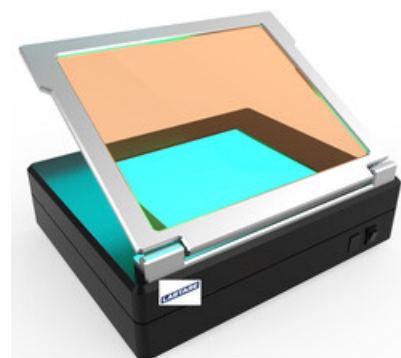
Safety-No damage to you and your sample

Ease-Easy for observation and gel cutting

Flexibility-Adjustable intensity: from 100% down to 50%

Design-Strong and stylish metal frame design

Certification-CE and FCC Certified



SPECIFICATIONS

Model	LTGEL9-1
Wavelength	Blue/Green 505 nm
Light Source	Blue /Green Nichia LED
Filter	Amber filter
Blocking Cover	Alluminum Alloy metal frame
Uniformity	CV<5%
Viewing size	160Dx200W mm
Dimensions (DxWxH)	280x340x80 mm
Weight	3.8 Kg
Power	AC 100-240V-50/60Hz

LTGEL9-2 BANDPEEPER LED TRANSILLUMINATOR

- Convenience-Saving time and cost for new sample electrophoresis by trial & error
- Accuracy-Accurate electrophoresis duration control
- Sensitivity-2ng nucleic acid
- Powerfulness-Powerful blue LEDs matched with common nucleic acid dyes
- Design-Anti-fog design on amber filter, anti-water condensation
- Safety-No damage to you and your sample
- Compatibility-Compatible with Mupid tanks (Mupid exU series: exU, ACE, and ONE)



SPECIFICATIONS

Model	LTGEL9-2
Wavelength	Blue 470 nm
Light Source	Blue LED Light
Filter	Amber filter
Window size	150Dx60W mm
Filter Surface	Anti-fog treatment
PCBA Surface	Anti moisture treatment
Compatibility	Mupid Tanks (Mupid exU series exU, ACE and ONE)
Dimensions (DxWxH)	166x170x51 mm
Weight	0.96 Kg
Power	12V DC, 1.25A

LTGEL9-3 SLIM WHITE ILLUMINATOR

- Uniformity-Light guide plate with diffuser design
- Easy Operation- Light source is under the gel, avoiding bubble and reflection



SPECIFICATIONS

Model	LTGEL9-3
Light Source	White light LEDs
Viewing Size	240Dx160W mm
Dimensions (DxWxH)	292x217x12.8 mm

Power	12V DC
Weight	1.2 Kg

LTGEL9-4 ULTRA BRIGHT LED TRANSILLUMINATOR

Wavelengths-Three wavelengths: Blue 470nm, Green 530nm and Red 630nm

Accuracy-CV<5% across the viewing area

Sensitivity-High contrast, up to 1 ng nucleic acid

Safety-No damage to you and your sample

Ease-Easy for observation and gel cutting

Design-Strong and stylish metal frame design

Certification-CE and FCC Certified



SPECIFICATIONS

Model	LTGEL9-4
Wavelength	Blue 470 nm, Green 530 nm, and Red 630 nm
Light Source	Blue, Green and Red LED light
Filter	Filters for Blue and green, No filter for red
Viewing Size	160Dx200W mm
Uniformity	CV<5%
Dimensions (DxWxH)	280x340x80 mm
Weight	3.6 Kg
Power	24V DC 1.25A

LTGEL10-1 BLUE LIGHT ELECTROPHORESIS MONITOR



SPECIFICATIONS

Model	LTGEL10-1
Wavelength	470 nm
LED lifetime	≥50000 hours

LED array	Matrix provides single-side lighting
Shiny surface	122 x 35mm
Dimension	206 x57x 20 mm
Weight	0.56kgs
Input power	DC24V 0.75A



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