UV LED TRANSILLUMINATOR

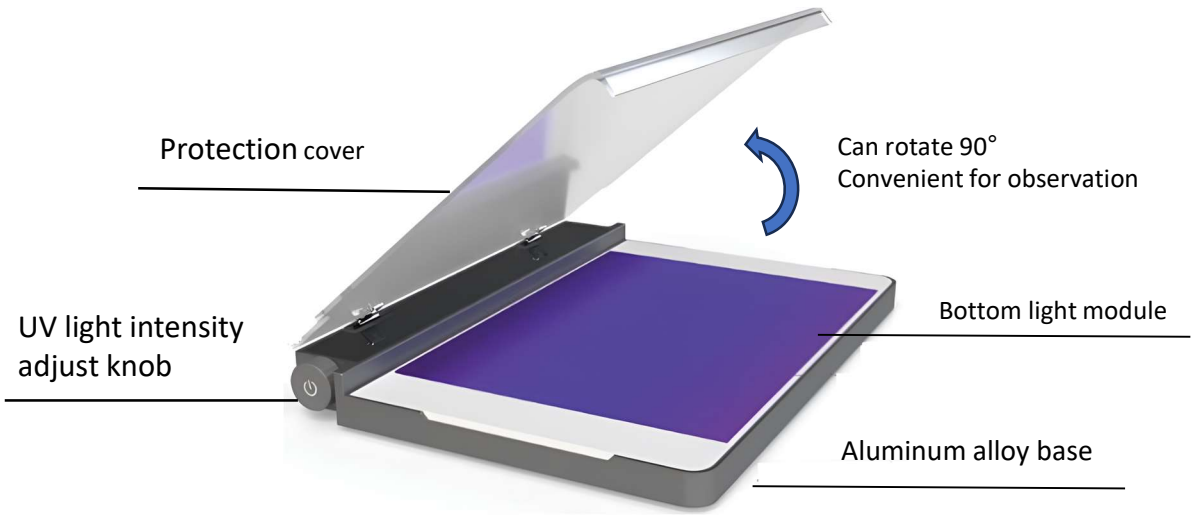
DS-TI302-S TI302-PRO

Product Overview

The 302nm LED UV transilluminator applied for observe the results of nucleic acid (DNA/ RNA) gel electrophoresis and do get cutting operations. Unique LED tight panel provides clearer bands observation. The exquisite structural design can achieve convenient observe, detect and cut the electrophoresis gel. 302nm wavelength can excite the fluorescent dye/ DNA complex to produce fluorescence to the greatest extent, with high sensitivity, clear observation bands, strong Illumination, and uniform brightness. It Is also equipped with special UV filter glass with selective absorption ability for specific wavelengths of UV, effectively ensure excitation sensitivity.

Product Features

Unique built-in bottom LED UV light source, lower power consumption and long lifetime
LED UV lamp beads make the wavelength more concentrated and shorter radiation distance, which greatly reduce harmfulness to the human body
Bottom UV light source irradiation, no reflected light interference, high observation and imaging quality.
Uniform brightness, effectively excite gel sheet and make bands clearer
Adjustable light intensity and contrast according to the different experiment purposes and Environment, can achieve the best observation or imaging quality
Superconducting heat dissipation, no noise, provide comfortable experimental environment
Stable aluminum alloy base, only 30mm thickness, lightweight and compact
Automatically shuts down after 5 minutes, guarantee the operator or transilluminator safety
Different observation areas are available: 150’\2Dmm/200*130mm



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Model	DS-TI 302S	DS-TI 302PRO
Observation area	L 150xW120mm	L200xW130
Power Adapter	12V 1A	
Led source	Bottom built-in UV Led light module	
Led lifetime	> 50,000h	
Emission wavelength	302nm	
Auto shutdown time	5 min	
Dimension	L260xW192xH30mm	
Weight	1.3 (kg)	
Power supply	100~240V;50/60HZ	

EtBr, SYBR Safe SYBR Gold SYBR Green SYBR Ruby SYBRO Orange SYBRO Red Coomassie Fluor orange stains Gel red safe etc. excitation and recovery of nucleic acid protein gel days .