



Transilluminators & Imaging Systems



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LED Transilluminator IUT-4000 ultra-bright LED transilluminator with triple wavelength range. Designed for viewing stained gels on the laboratory bench within the gel documentation system. The LED for excitation does not cause a burn to your skin - No DNA damage inherent to UV. Uniformity supplies <5 to 10 % coefficient of variance across the full filter area. Sensitivity: Up to 1 ng. The dimensions 210x210x30mm. Lighting from the LED source inside the instrument produces Blue light with a narrow emission with wavelength ranging 530 nm, 630 nm, 470 nm. Blue light is more effective for the excitation of most nucleic acid and protein stains. The transilluminator is fully assembled and ready to use. It comprises a DC 24V power supply.

- Ultra-bright LED transilluminator
- The LED for excitation does not cause a burn to your skin - No DNA damage inherent to UV. Uniformity supplies <5 to 10 % coefficient of variance across the full filter area. Sensitivity: Up to 1 ng
- Equipped with high luminosity, high sensitivity, and good uniformity
- User can set the viewing screen to any angle
- Protect sample from damage
- CE and FCC certified

Model	IUT-4100	IUT-4200	IUT-4300	IUT-4400
Wavelength	470 nm			530 nm, 630 nm, 470 nm
Filter Size	16 x 20 cm			
Filter	Amber filter			
Color	White	Black	-	-
Light Source	Blue			Red, Green and Blue
Design Type	Mono wave length			Triple wave length
Sensitivity	1 ng			
Uniformity	CV 10%		CV 5%	
Viewing surface	Transparent			
Power Consumption	1.25 A			
Certification	CE and FCC			
Cover Material	Aluminum alloy metal frame			
Dimensions	210x210x30 mm		280x340x80 mm	
Weight	2.3 kg		3.6 kg	
Electrical Requirement	DC 24V			
Catalogue No.	3402005-04	3402010-04	3402015-04	3402020-04

