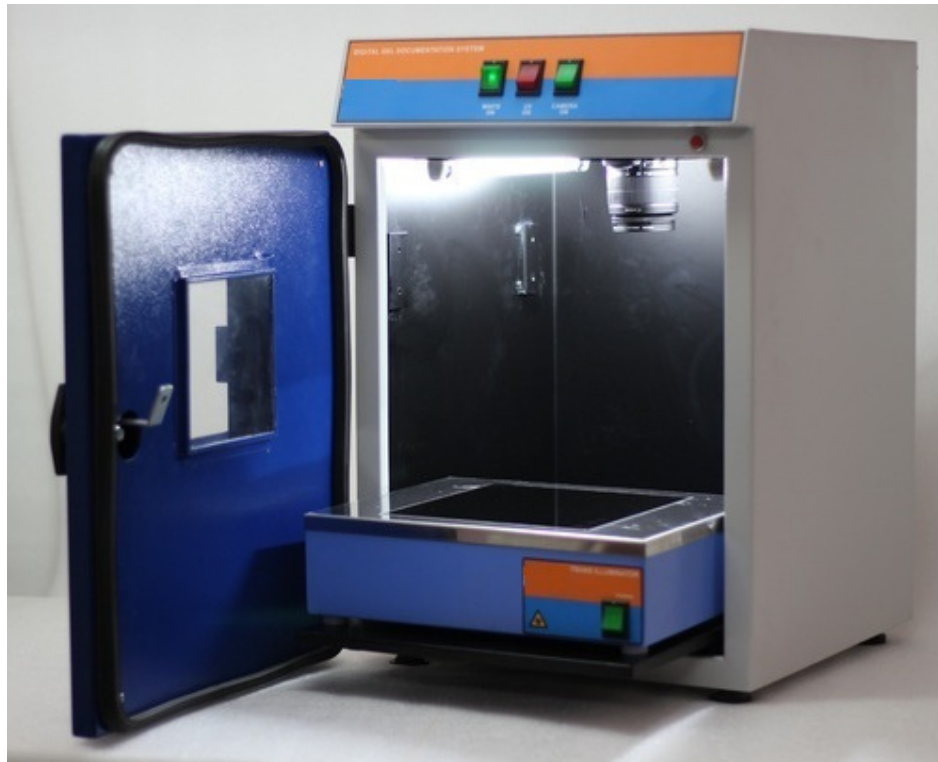


## TekBIO Digital Gel documentation System

Customers can avail Digital Gel Documentation Systems from us as per the industry standards. We offer products to our clients for using in various application areas. Digital Gel documentation System is useful for documentation of DNA Gels. Moreover, our Digital Gel Documentation Systems are reliable and technically advanced.



### It consists of:

- CCD Grade Digital SLR camera
- UV transilluminator with Imported Tubes and UV blue filter
- Dark Hood

### Supportive Instruments required:

- Personal Computer: (Any present working computer can be used with Windows 2000 or XP or any other higher version loaded)
- Inkjet or laser printer: (Normal ink jet or desk jet or laser printer can be used to take printout)
- The EOS camera is set to attract more casual users to adopt DSLRs with the availability of four stylish colors. It includes a 2.7-inch, 230,000 dots Wide Angle Viewing TFT LCD monitor, a redesigned control layout that supports one-handed use, Scene Intelligent Auto, Basic+ for enhancing colors and Feature Guide for a quick reference to the features and benefits of the EOS SLR camera 12.2 megapixel APS-C size CMOS sensor ISO 100-3200, expandable to 6400 9-point cross-type AF system.

**Technical Specifications:**

Camera	:Digital, single-lens reflex, AF/AE camera with built-in flash with APS-C size CMOS sensor
Zoom	:12X Optical Zoom and 4X Digital Zoom
Lens	:6.0-72.0 mm f/2.7-3.5 (35 mm film equivalent: 36-432 mm)
Focusing range	:Normal: 1.6 ft./50 cm-infinity (WIDE), 3.0 ft./90 cm-infinity (TELE), Macro: 3.9 in. 1.6 ft./10-50 cm (W)
Super	:Macro: 0-3.9 in./0-10 cm (W)
Shutter Speed	:1/4000 sec. to 1/60 sec. (Full Auto mode), X-sync at 1/200 sec. 1/4000 sec. to 30 sec., bulb (Total shutter speed range. Available range varies by shooting mode)
Sensitivity	:ISO 100-3200 set automatically
Power	:1. Rechargeable AA-size NiMH Battery 2. Compact Power Adapter CA-PS700
Interface	:USB 2.0 Hi-Speed (mini-B jack)
Max Gel	:size 20X20 cm
Image Storage	:SD Memory Card, SDHC Memory Card, Multi Media Card or directly on PC

**Camera:**

	<b>Camera Technical Specifications:</b>	
	<b>Camera</b>	Digital, single-lens reflex, AF / AE camera with built-in flash with APS-C size CMOS sensor, 18 megapixel
<b>Zoom</b>	12 X Optical Zoom and 4 x Digital Zoom	
<b>Lens</b>	18-55mm ISII	
<b>Interface</b>	USB 2.0 Hi-Speed (mini-B jack)	
<b>Max Gel size</b>	20 X 20 cm	
<b>Data Types</b>	JPEG	
<b>aperture</b>	3.5 to 5.6	

\*Camera specification / make/ model changes as per the technological upgrade/ availability of the particular model.

\*Unit appearance may change due to technical up gradation.

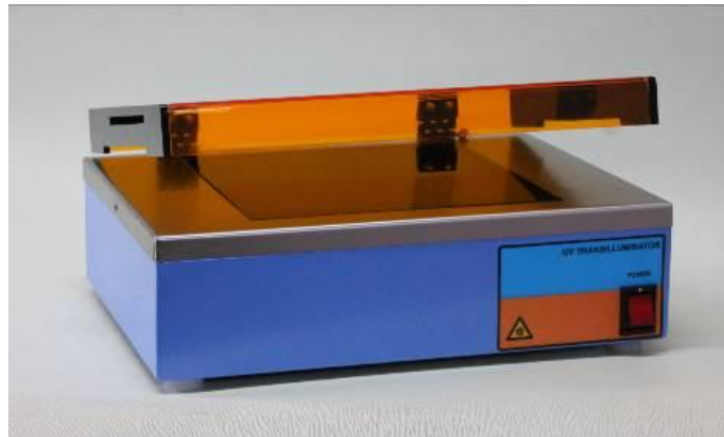
**UV Transilluminator:**

Gel viewing area: 200X 200mm, fitted with imported quartz filter

Construction: MS powder coated body, with SS frame for filter

Protection: Using orange/clear hinged UV protective shield

UV tubes: 306nm , UV tube expected life is 3000 Hrs\*



TEKBIO TRANSUV 200 X 200 UV Transilluminator with UV protective hinged shield  
\* Electrical accessories are not guaranteed, as per tube manufacturers studies it is expected to last long for 3000 hrs.

#### UV Transilluminator Technical Specifications:

Parameter	TekBio Trans-I
Filter size/ Gel area	200 X 200 mm
Cabinet Construction	M S powder coated, filter frame Stainless Steel
Wavelength	306nm
UV protection	Orange / clear shield
No of UV tubes	4 X 8W
Protection	Fast blow fuse
Dimension	340 X 260 X 110mm
Weight	4 kgs.

**2-Dark Hood with quick access window:** Dark hood has quick access window makes easy for viewing the gel.

**3-Protein gel photography :** Fitted Foldable white light illuminator can be used for photography of protein gels

#### Ordering Information:

##### **GELDOC-I TekBIO Digital GEL Documentation system (For DNA and protein) System includes: HSN code:9027**

- 1- UV Transilluminator 200 X 200mm with filter-306nm,
- 2- Inbuilt white light illuminator
- 3- Dark hood fitted with Digital SLR camera with filter
- 4- Software: camera control and image Analyzing software (open license) can be installed to any working computer, computer system is not supplied

##### **GELDOC-3 TekBIO Digital GEL Documentation system (For DNA without UV Transilluminator) System includes: HSN code:9027**

- 1-Dark hood fitted with Digital SLR camera with filter
- 2-Software: camera control and image Analyzing software (open license) can be installed to any working computer, computer system is not supplied

