

# Gel Documentation and Analysis System

## Model : GBB-GD950



### Features:

#### 1. Darkroom

- 1.1 No light leakage Darkroom
- 1.2 External size:44x40x72cm

#### 2. CCD Camera

- 2.1 Scientific CCD
- 2.2 Resolution:5 Megapixels,2592\*1944
- 2.3 A/D:16bit (65536 Grey scales)
- 2.4 High QE: 75%
- 2.5 Read noise: 5.1e- RMS
- 2.6 SNR:70.1db
- 2.7 Sensitivity: Lower than 10pg EB Stained DNA

#### 3. Lens

- 3.1 Imported Computer 2/3 Inch, F1.2 Motorized Lens
- 3.2 Numeric Focus and Aperture

#### 4. Filter (Standard)

- 590nm for gel doc as standard

#### 5. Epi-white light

- White LED \* 2

#### 6. Transilluminator

- 6.1 UV transmission as standard: Wavelength 302nm, Area: 21x26cm
- 6.2 White light LED as optional, Area:21x19cm
- 6.2 Blue LED as optional: Area:21x19cm

#### 7. UV protection shield as standard

#### 8. Gel doc software

#### 9. Analysis software

#### 10. Application (included as standard)

- 10.1 DNA/RNA Gel inspection: Ethidium Bromide, Sybr<sup>TM</sup> Gold, Gel Red, GelStar<sup>TM</sup>;
- 10.2 Protein Gel Inspection: Sypro<sup>TM</sup>Orange

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\*Design & specification are subject to change without any prior notice.  
\*OEM option available

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