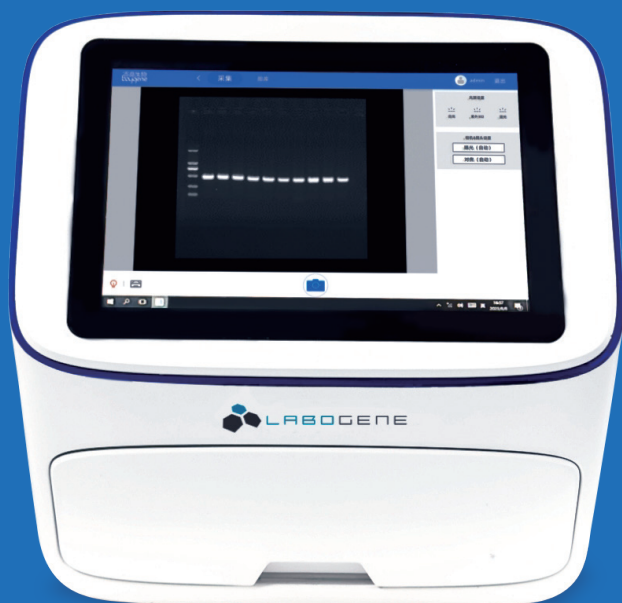


G520M

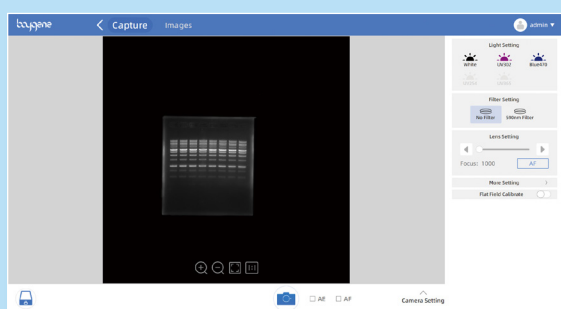
凝膠影像分析系統



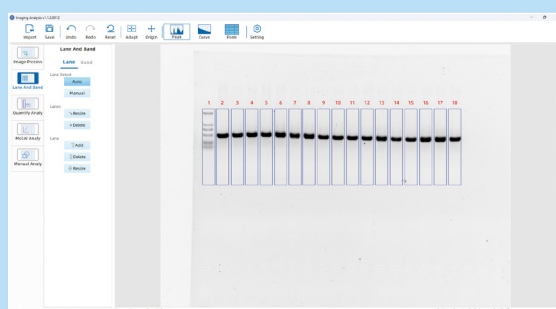
-  2000 萬畫素 CMOS 相機
-  高清晰度變焦鏡頭
-  三波段整合式 LED (UV / 藍光 / 白光)
-  自動光源辨識
-  安全切膠模式
-  觸控大螢幕單機操作

軟體特點

- 影像擷取：自動曝光、手動曝光、關門後自動擷取
- 擷取結果自動存檔、多張影像整批存檔或隨身碟輸出
- 可進行縮放、旋轉、套色、文字和箭頭標註等影像編輯
- 泳道 (lane) 條帶 (band) 自動 / 手動辨識，分子量、條帶定量分析



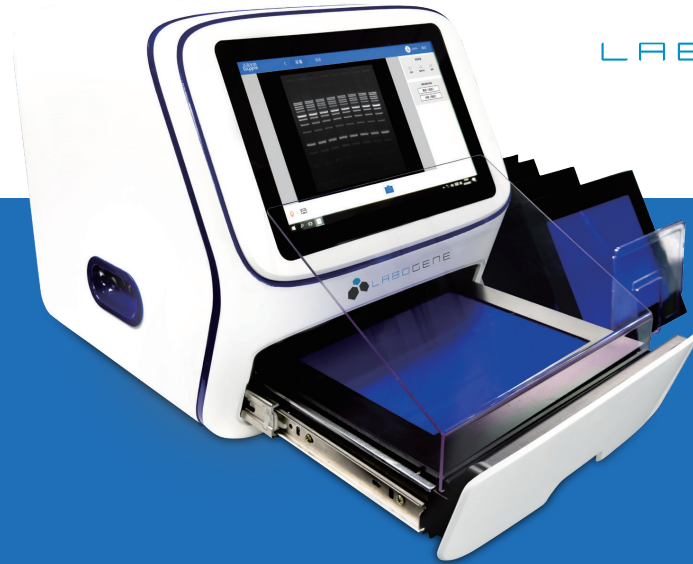
影像擷取



影像分析

G520M

凝膠影像分析系統



Technical Specifications

Name	Multifunctional Gel Imaging Analysis System	Model	G520M
Operation	12.1-inch built-in touch screen	LED excitation light source	UV / blue / white light
Camera	20 megapixel CMOS	Sample tray	Intelligent identification of UV / blue / white light tray
Resolution	5472×3648	Gel-cutting observation	Intelligent identification of protection board
Sensor sensitivity	≥ 84%	Auto capture when sample tray is in	Yes
Grayscale	16bit, 0-65535 gray scale	UV transmission area	21 cm × 15 cm, wavelength 302 nm
Signal-to-noise ratio	≥ 73dB	Blue light transmission area	21 cm × 15 cm, wavelength 470 nm
Lens	20 megapixel motorized zoom lens	White light transmission area	21 cm × 15 cm
Auto focus	Yes	Software	Supporting image capturing and analysis software
Auto exposure	Yes	Dimensions	39 cm × 45 cm × 42 cm
Filter	590 nm	Net weight	15 kg

Application

Nucleic Acid Detection

Suitable for DNA / RNA detection with various UV and blue light nucleic acid dyes, such as EB, SYBR Gold, SYBR, Green, GelRed, GelGreen, etc.

Protein Detection

Can be used for imaging with Coomassie Brilliant Blue, Silver Staining, etc.

Nucleic Acid Gel Cutting

Supports UV and blue excitation dye-labeled gel cutting.