

UVP UVsolo touch Imaging System

三門式高解析電泳膠片影像系統

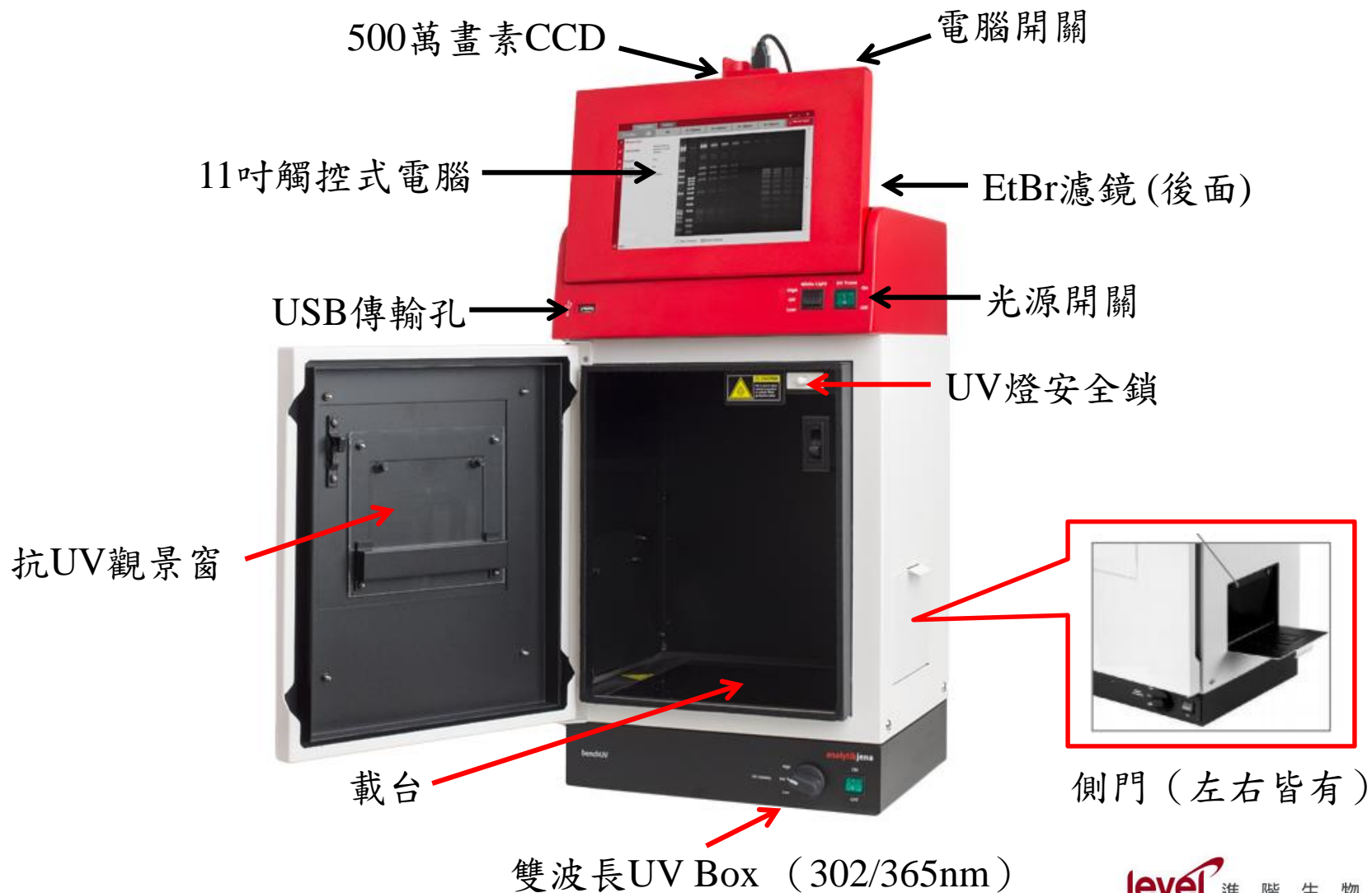


Discovering
new boundaries

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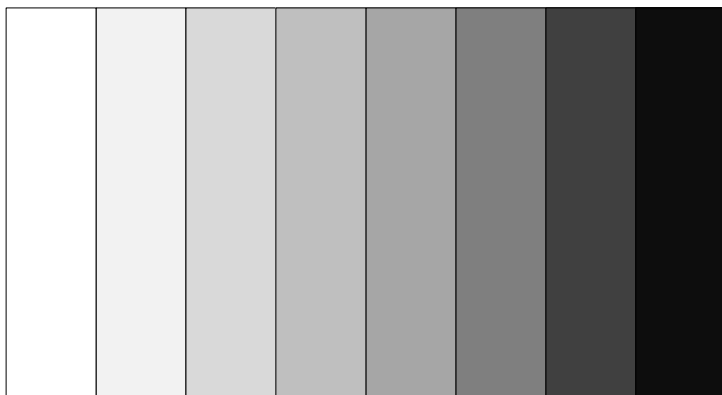
UVsolo touch系統介紹



16-bits CCD真實色階

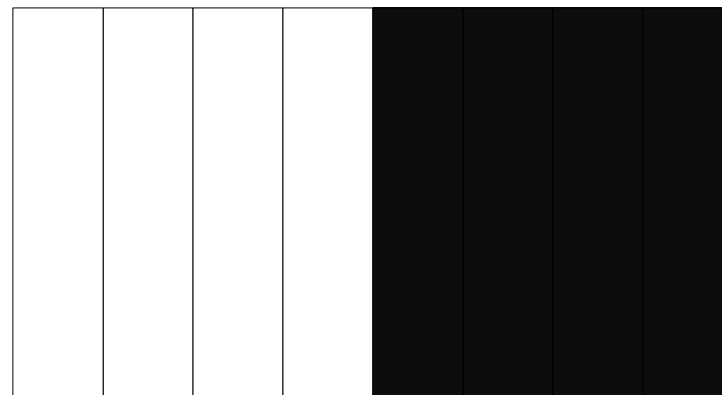
- 真實CCD 16 bit(65536色階) vs. A/D輸出(16384→65536色階)

UVsolo touch



True 16-bit

老舊系統



14-bit A/D16-bit

軟體介面

自訂拍攝模式 (template)

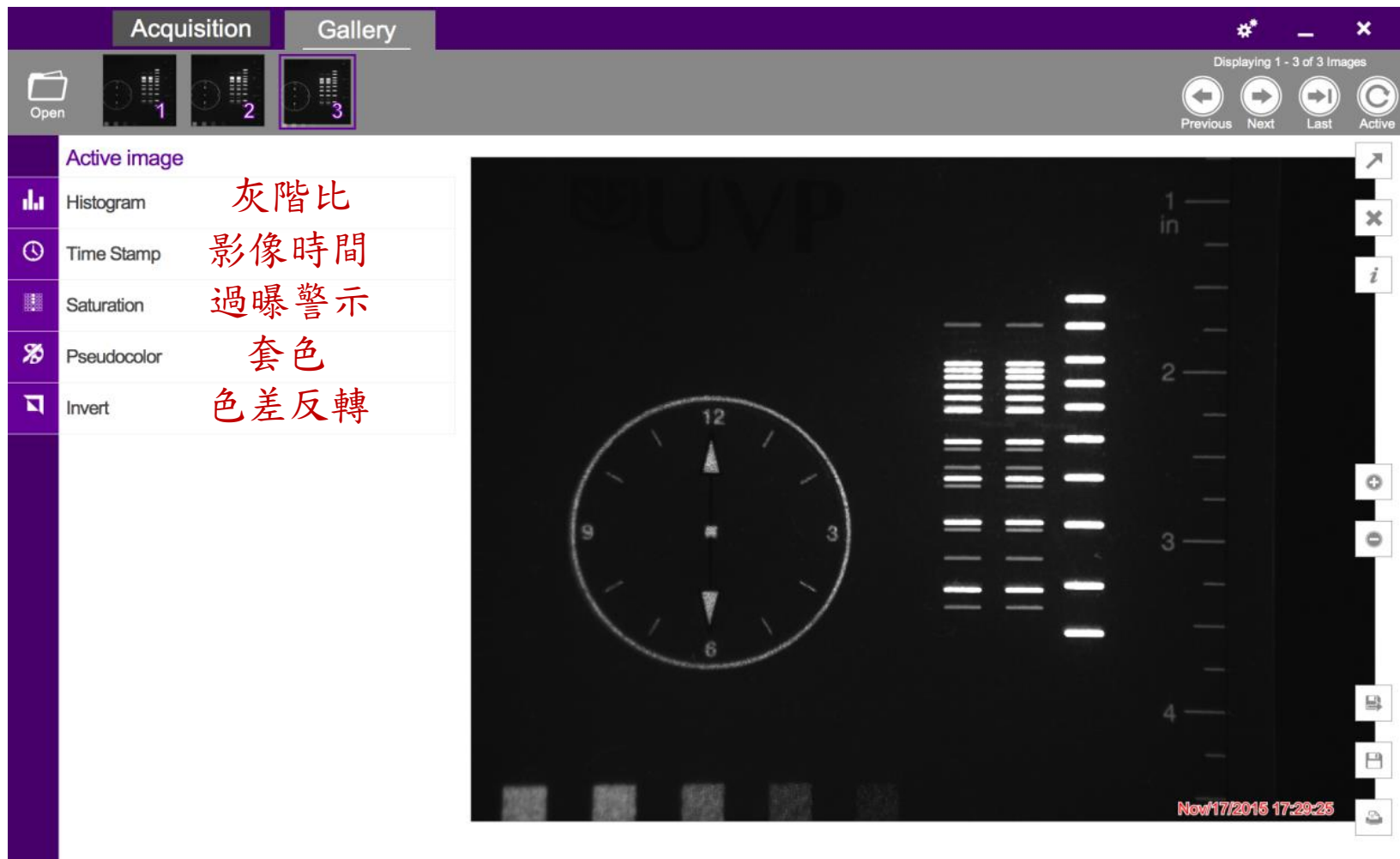
The screenshot shows the software interface with the following elements:

- Gallery Tab:** A red box highlights the template selection area containing: UV-100 ms, UV-500 ms, UV-1 sec, UV-Auto Capture, White, and Manual Input.
- Capture Mode Panel:**
 - Manual Exposure:** A dropdown menu.
 - Exposure Controls:** Four vertical sliders for Min, Sec, Ms, and Micro. The Ms slider is set to 39. A red arrow points to these controls with the label "曝光時間設定".
 - Number of frames:** A control set to 1.
 - Done:** A checkmark icon at the bottom left.
- Preview Window:** A large black area showing a circular scale and a grid of horizontal lines.
- Bottom Control Bar:**
 - Stop Preview:** A button with a plus icon in a box, highlighted with a red box and a red arrow. Below it is the label "開啟/關閉預覽功能".
 - Start Capture:** A button with a camera icon in a box, highlighted with a red box and a red arrow. Below it is the label "開始拍攝".
 - Status:** "Preview Started... Exposing: 0.039 Sec".

開啟/關閉預覽功能

開始拍攝

影像後製



The screenshot displays the UVP software interface. At the top, there are 'Acquisition' and 'Gallery' tabs. Below the tabs is a gallery of three images, with the third image selected. The main window shows a large image of a clock and a ruler. On the left side, there is a list of image processing options:

Icon	Option	Chinese Label
	Histogram	灰階比
	Time Stamp	影像時間
	Saturation	過曝警示
	Pseudocolor	套色
	Invert	色差反轉

At the bottom right of the main image, there is a timestamp: Nov/17/2015 17:28:25. Below the main image, there are icons for 'Save' (存檔) and 'Print' (列印).

影像安全性

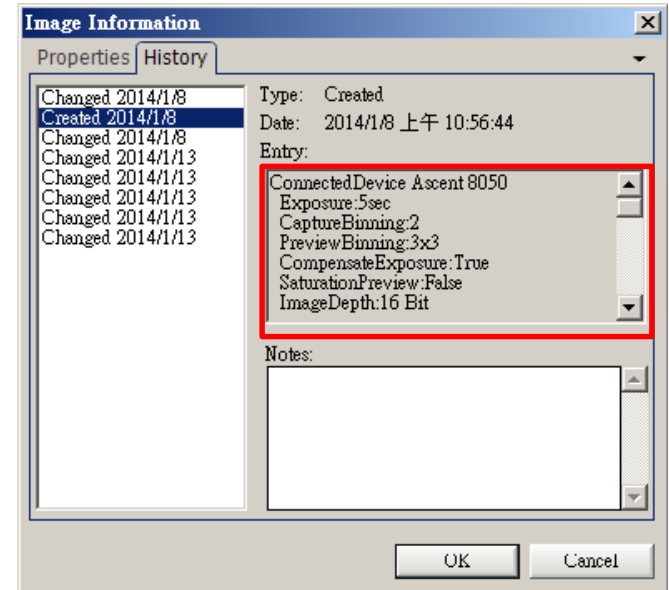
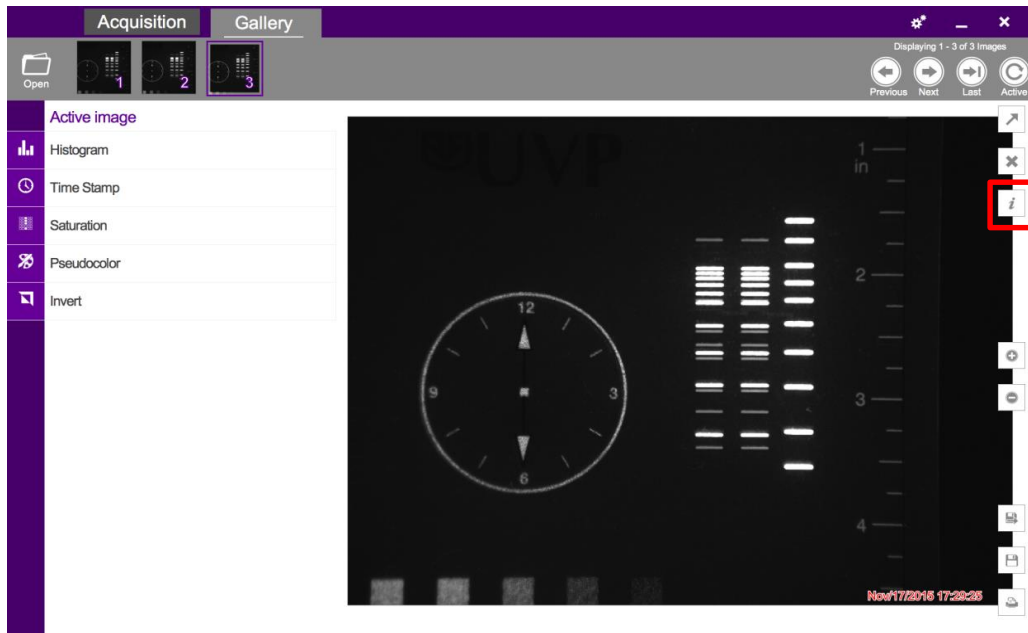
UVP數位影像系統專用軟體—VisionWorks

支援 FDA 21 CFR Part 11規範

- 美國食品藥物管理局於1997年3月20日發表21 CFR Part 11 (Electronic Records; Electronic Signatures)。21 CFR Part 11 (簡稱Part 11)自1997年8月20日起生效。Part 11主要是提供一些規範。在這些規範範圍內，電子資料與電子簽章便可以與紙本手寫資料及手寫簽名具有等同效力。這些規範藉由允許廣泛電子技術的使用，進而促進與保護大眾健康。Part 11適用於所有FDA管理的相關領域。
- 符合21 CFR Part 11規範的影像分析軟體，不允許未經使用者授權的影像或數據調整以及修改，且一切修改皆可追溯，具備高數據可信度以及安全性。

影像安全性

- ✓ 分析軟體符合美國FDA提出的21 CFR Part 11規範
- ✓ 拍照設定、影像編修皆可追溯，保障您的權利



Technical Data

Specifications/features	UVP UVsolo touch
Camera/Lens	GelCam 315, 5.0 MP, with 8-48mm, f/1.2 manual zoom lens
Darkroom features	<ul style="list-style-type: none"> ▪ 11.6" large articulating touch screen ▪ Wide front door with UV safety switch ▪ Gel viewer window ▪ Epi white light ▪ Side access doors ▪ USB ports ▪ Emission filter tray <ul style="list-style-type: none"> ▪ Support for 21 CFR Part 11
Accessories included	<ul style="list-style-type: none"> ▪ Ethidium bromide filter ▪ Choice of transilluminator (Filter sizes: 20 x 20 cm, 21 x 26 cm or 25 x 26 cm; Wavelength: 1 UV 302 nm, 2UV 302/365 nm or 3 UV 254/302/365 nm, 100-115 V/60 Hz or 230 V/50 Hz)
Dimensions: H x W x D	780 x 361 x 338 mm (30.7 x 14.2 x 13.3 inch)
Wireless network capability	Wireless network capable, Wi-Fi, accessory for wired-to-ethernet connection available

Thanks For Your Attention !