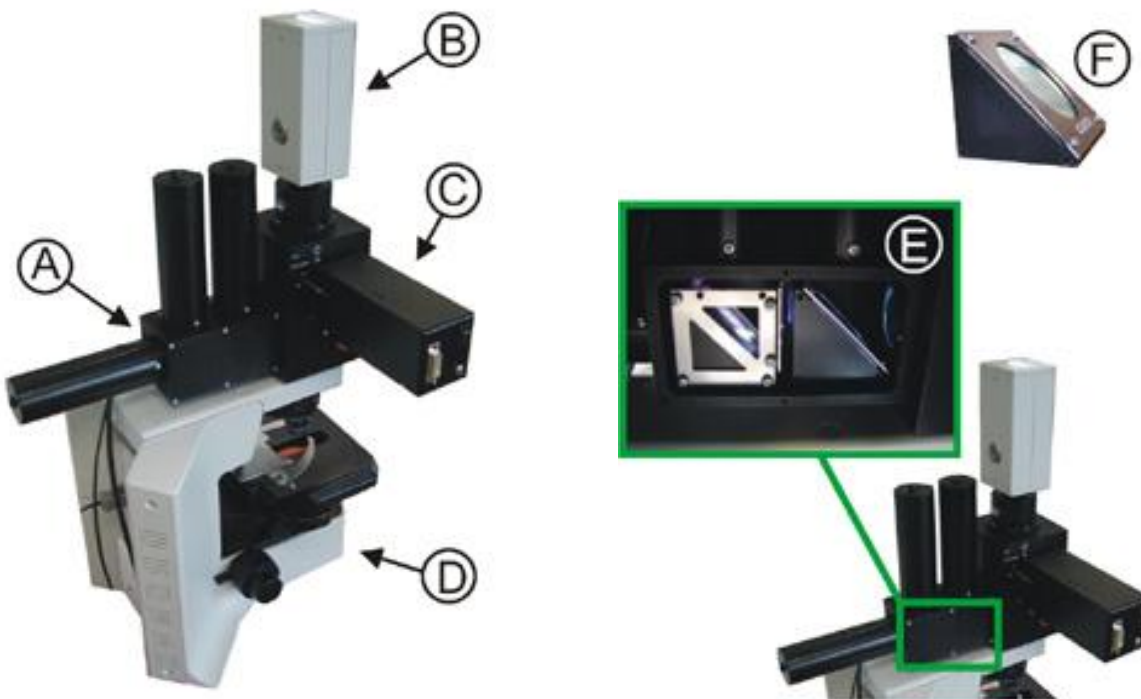




Micro-FluorCam FC 2000 顯微植物葉綠素螢光成像系統 增強了單細胞和亞細胞結構的動力葉綠素或綠螢光蛋白的畫面擷取能力，所有葉綠素螢光參數都能以微米級的解析度成像，可對葉綠體甚至類囊體色素進行研究。



Micro-FluorCam FC 2000 說明：

A: 測量閃光; B: 超高感度 CCD 相機; C: 補充輸出; D: Olympus 骨架; E: 多種刺激濾鏡組. F: 可更換光學濾鏡模組.

主要特色:

- Combination of kinetic Chl/GFP-fluorescence imaging and standard wide-field fluorescence microscopy (in certain versions).
- Motorized 6-position filter wheel (in certain versions).
- Multiple fluorophores imaging (in certain versions).
- 10 μ s to 20 ms exposure time per frame.
- 512 x 512 (or 640 x 480, or 1392 x 1040) pixels spatial resolution.
- 12bit dynamic range.
- 70 % peak quantum yield with about 4 electrons readout noise.
- The instrument combines an attractive price with the advantage of portability.

Micro-FluorCam 版本:

• 1. Micro-FluorCam FC 2000-ST

Included Components: CCD camera; Simple microscope frame; Optical compartment; Control unit; High-performance PC; Excitation light sources; Software package; User's guide.

• 2. Micro-FluorCam FC 2000-EN

Included Components: CCD camera; Mechanically enhanced microscope frame (Olympus BX40) with exchangeable and extendable components; Mechanically enhanced optical compartment; Control unit; High-performance PC; Excitation light sources; Software package; User's guide.

• 3. Micro-FluorCam FC 2000-MFW

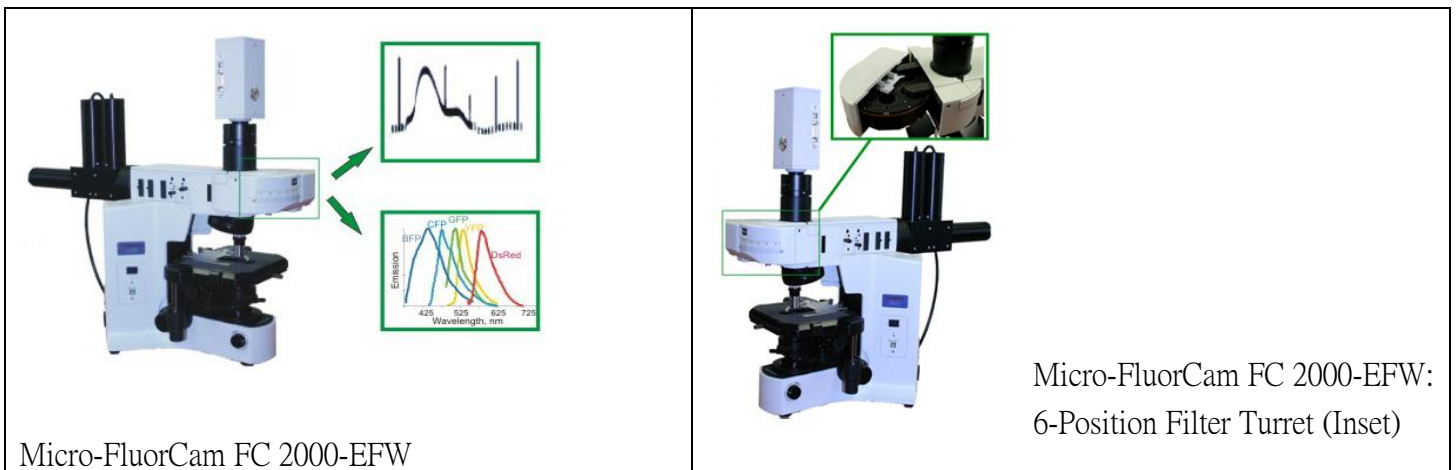
Included Components: 6-position mechanical filter wheel; CCD camera; Mechanically enhanced microscope frame (Olympus BX40) with exchangeable and extendable components; Mechanically enhanced optical compartment; Control unit; High-performance PC; Excitation light sources; Software package; User's guide.

• 4. Micro-FluorCam FC 2000-EFW

Included Components: 6-position fully software-controlled filter wheel; CCD camera; Mechanically enhanced microscope frame (Olympus BX40) with exchangeable and extendable components; Mechanically enhanced optical compartment; Control unit; High-performance PC; Excitation light sources; Software package; User's guide.

• 5. Kinetic Fluorescence Microscope FC 2000-Z

Click to learn more about the [Kinetic Fluorescence Microscope FC 2000-Z](#).

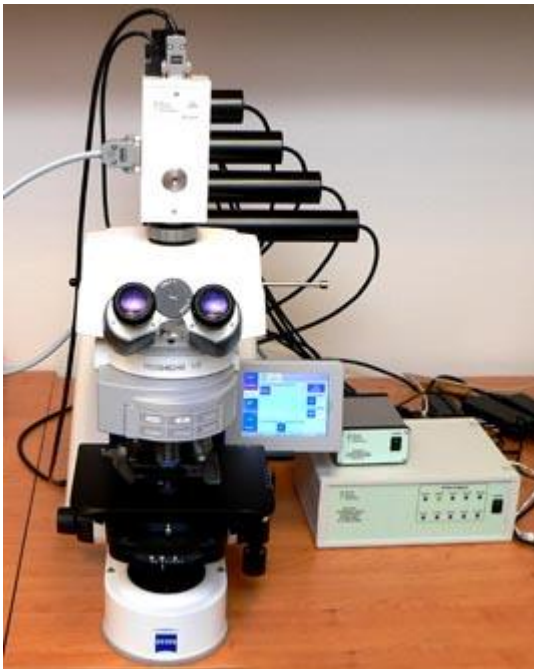


相機：

- **A. Standard Camera**
- 512 x 512 pixels.
- A/D: 12 bit (4096 grey levels).
- 8.2 μm x 8.4 μm pixel size.
- 50 images per second.
- Advantageous for rapid processes measurements.
- **B. Advanced Camera**
- 640 x 480 pixels and 1392 x 1040 pixels, respectively.
- A/D: 12 bit (4096 grey levels).
- 6.45 μm x 6.45 μm pixel size.
- 30 and 15 images per second, respectively.
- Great for slow processes measurements and for applications where the higher spatial resolution is of high importance.

多種螢光團畫面：

- Chlorophyll fluorescence.
- Different fluorescence proteins (GFP, enhanced GFP, blue-emitting variant).
- Other fluorescent dyes (CY3, CY5).



三光儀器關係企業

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