Scanning Units
Superior expandability to accommodate future applications.

**FV300**

**Manual operating scanning unit**
The scanning unit combines maximum optical efficiency with easy, one-touch selection of prisms and filters. The system corrects aberrations from visible to near-infrared wavelengths, allowing aberration-free imaging for a wide range of applications.

**Superior flexibility**
Barrier filters, emission beam splitters and excitation dichromatic mirrors can easily be changed to suit specific applications. In addition, a 400 laser can be added to the scanner's side port.

**FV300**
- Optical fiber for laser introduction
- Beam collimator
- Dichromatic mirror
- Polarizer
- Excitation dichromatic mirror
- XY galvanometer mirror scanners
- Focal lens
- Collector lens
- Pinhole turret
- Emission beam splitter slider
- Barrier filter slider
- Photo multiplier

**Features of confocal optics**
- Deliver 3D confocal, high-contrast images.
- Allow optical sectioning of a specimen with satisfactory vertical resolution (along optical axis).
- Axial resolution (perpendicular to the optical axis) is increased to a much higher level than conventional optical microscopes.

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**FV300**
- Up to 3 Channels
- Visible Light Lasers — (IR Laser)
- 2 Laser Ports
- Manual Operating Scanning Unit
- 5 Position Single Pinhole Turret
- Automated Laser Control (AOTF or ND) / Laser Combiner
- Power Supply / Control Unit — PC system
- Intuitive User Friendly Software
- Wide Range of Microscopes

**FV500**
- Up to 5 Channels
- UV — Visible Light — IR Lasers
- 3 Laser Ports
- Fully Automated Scanning Unit
- Individual Continuously Adjustable Pinholes