MicroTime

The MicroTime is a Confocal Time Resolved Microscopy platform produced by PicoQuant GmbH

MicroTime 100

Upright Time-resolved Fluorescence Microscope

- Complete system with laser combining unit, upright microscope body and detection unit
- Pulsed diode lasers with wavelengths from 375 nm to 810 nm
- Multiple detector options for up to four detection channels
- XY-scanning piezo stage for 2D-lifetime imaging
- Wide range scanner with a scan range up to several cm

See the picoquant.com webpage for more information: MicroTime 100

MicroTime 200

Time-resolved confocal fluorescence microscope with unique single molecule sensitivity

- Complete confocal system with laser combining unit, inverted microscope body and multichannel detection unit
- Turn-key diode lasers for multicolor excitation from 375 nm to 900 nm
- Up to 4 truly parallel detection channels using application-optimized detection with SPADs, PMTs or Hybrid PMTs
- Time-Correlated-Single Photon Counting (TCSPC) and TTTR mode for investigation of fast dynamics in FCS and FLIM
- Piezo scanning for 2D- and 3D-lifetime imaging and accurate point positioning
- Two optional exit ports for additional hardware, e.g. spectrographs
- Advanced easy-to-use data acquisition, analysis and visualisation software SymPhoTime 64
- Unique upgrades to 2focus FCS, simultaneous AFM/FLIM, UV measurements
- STED add-on for high-resolution imaging

See the picoquant.com webpage for more information: MicroTime 200

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