

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](#)

Copyright of this document belongs to PicoQuant GmbH. No parts of it may be reproduced, translated or transferred to third parties without written permission of PicoQuant GmbH. All information given here is reliable to our best knowledge. However, no responsibility is assumed for possible inaccuracies or omissions. Specifications and external appearances are subject to change without notice.



PicoQuant GmbH
Rudower Chaussee 29 (IGZ)
12489 Berlin
Germany

P +49-(0)30-1208820-89
F +49-(0)30-1208820-90
info@picoquant.com
www.picoquant.com