

## Measurement Hardware / Instrumentation

### Spectroscopy

[Fluorescence Lifetime Measurements](#)

[Time-Resolved Fluorescence Anisotropy Measurements](#)

[Time Resolved Emission Spectra \(TRES\)](#)

[Measuring the Quantum Yield with the integrating Sphere assembly for the FT300](#)

[EasyTau Scripts](#)

[Some origins of multiexponential decays for pure dyes](#)

[Registration of a Lightsource in FT300-EasyTau](#)

### Microscopy

[Quick Reference for Confocal Time-resolved Microscopy \(FLIM, FRET, FCS\) - Poster \(pdf format\)](#)

[Fluorescence and fluorescence microscopy by Nico Stuurman](#)

[Confocal microscopy and optical sectioning by Kurt Thorn](#)

[Beampath of the Zeiss LSM700](#)

[How to check the overlap of different color confocal volumes](#)

[Determination of the focal width with the focal width analysis](#)

[Two Photon Microscopy \(TPM, TPE\) by Kurt Thorn](#)

[Advantages and disadvantages of Two Photon Excitation \(TPE\)](#)

[How to measure the Instrument Response function \(IRF\)](#)

[FLIM Measurement using a Nikon A1 with a FLIM and FCS upgrade](#)

[Recording a Fluorescence Lifetime Image \(FLIM\) Stack with a LSM Upgrade Kit on a Nikon A1](#)

[FLIM-FRET Measurement using an Olympus FV1200 with a FLIM and FCS upgrade](#)

[Performing an FCS measurement with an Olympus FV1200 upgrade kit](#)

[How to exchange the main dichroic of the 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