System Overview TCS SP5

Leica TCS SP5, TCS SP5 MP, TCS SP5 X, FLIM, FCS

Living up to Life
Scanhead Options

- Imaging WLL
  - SP5 X Basic Module 156501102
  - Imaging WLL w. Ar ion Laser 156502148
  - Imaging WLL w. B Diode (488nm) 156502147*

- Conventional Scanning System SP5 156501120
- Resonant Scanning System SP5 156501121
- Tandem Scanning System SP5 156501122

*available Jan 2009

- Imaging Laser AOBs
  - SP5 Basic Module AOBs 156501100
  - R 156502100
  - RB 156502105
  - RGB 156502110
  - RYB 156502115
  - RYBV 156502116
  - ROB 156502120
  - ROGB 156502123
  - ROYB 156502125
  - ROYBV 156502126

- Imaging Laser Dichroic
  - SP5 Basic Module Dichroic 156501101
  - R 156502150
  - G 156502151
  - RB 156502155
  - RGB 156502160
  - RYB 156502165
  - RYBV 156502166
  - ROB 156502170
  - ROGB 156502173
  - ROYB 156502175
  - ROYBV 156502176

- Conventional Detector FLIM 156501391
- Confocal Detector Imaging 156501390

- Exhaust w. Silencer Ar Laser 156502210
- X1 Port Options
- Control Panel w. Programmable LCD 156504750
- MFP and IR Lasers
- Trigger Unit 156504760
- NDD Detector Options
- UV and UV/405 Options
System Overview TCS SP5

UV and Laser Options

**A**

- **15650171** Universal Specimen Holder Scanning Stage Upright
- **11600183** Glass plate 160x116x3 mm; for industrial
- **11600184** Holder for glass slides 3”x1”
- **11600185** Holder for slide frames 70x70 mm
- **15650040** Heatable mounting frame AK 160 x 160

**B**

- **15600234** Universal Frame Holder K; 0311.200
- **15532363** Insert for Petri Dish 96 mm, mod.
- **15532364** Insert for Petridish 54 mm, mod.
- **15532096** Scan. Insert f. 35 mm Wilco Dishes
- **15532095** Scan. Insert f. 50 mm Wilco dishes
- **15532030** Universal Holder for Microtiter Plates
- **156506014** Heating Insert P for OSI
System Overview TCS SP5

MP: Lasers and Beam Routing

IR laser MaiTai HP 156502503
IR laser Chameleon Ultra i 156502507
IR laser Chameleon Ultra II 156502508
IR laser Chameleon Ultra 156502506
IR Imaging Port. Multifunct. Upright HX 156501213
IR Imaging Port. Multifunct. Inverted HX 156501203
IR Imaging Port. Multifunct. CFS HX 156501214
IR Beam Routing EOM & Att. DM6000 156502527
IR Beam Routing EOM & Att. DM6000CFS 156502524
IR Beam Routing Att. DM6000 156502528
IR Beam Routing EOM and Att. DM6000 156502527
IR Beam Routing Att. DM6000 156502528
IR Users and Beam Routing

IR Tables

IR black optical table* 1500x2400 156502562
IR black optical table DM6000 900x1200 156502561
IR black optical table DMI6000 900x1500 156502560
IR black optical table DM6000 CFS and STED 1200x1500 156502563*

*actively damped
Detection unit is needed if more than one detector (ND or TL) is used.

Filter Cages for 2 NDs

Filter Cages for 4 NDs

FTC/FTC filter cube is always included with 2 NDs

FTC/FTC filter cube

NDD Detection Unit

A channel NDD Box
with Liquid Light Guide

Filter Cages for 4 NDs

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System Overview TCS SP5

Maximum of 2 internal FLM detectors and 1 external FLM detector.
B&H routing is needed if more than one FLIM detector is used.
Leica DM6000 CFS

Leica TCS STED
Leica Microsystems operates internationally in four divisions, where we rank with the market leaders.

- **Life Science Division**
  The Leica Microsystems Life Science Division supports the imaging needs of the scientific community with advanced innovation and technical expertise for the visualization, measurement, and analysis of microstructures. Our strong focus on understanding scientific applications puts Leica Microsystems’ customers at the leading edge of science.

- **Industry Division**
  The Leica Microsystems Industry Division’s focus is to support customers’ pursuit of the highest quality end result. Leica Microsystems provide the best and most innovative imaging systems to see, measure, and analyze the microstructures in routine and research industrial applications, materials science, quality control, forensic science investigation, and educational applications.

- **Biosystems Division**
  The Leica Microsystems Biosystems Division brings histopathology labs and researchers the highest-quality, most comprehensive product range. From patient to pathologist, the range includes the ideal product for each histology step and high-productivity workflow solutions for the entire lab. With complete histology systems featuring innovative automation and Novocastra™ reagents, Leica Microsystems creates better patient care through rapid turnaround, diagnostic confidence, and close customer collaboration.

- **Surgical Division**
  The Leica Microsystems Surgical Division’s focus is to partner with and support surgeons and their care of patients with the highest-quality, most innovative surgical microscope technology today and into the future.

The statement by Ernst Leitz in 1907, “with the user, for the user,” describes the fruitful collaboration with end users and driving force of innovation at Leica Microsystems. We have developed five brand values to live up to this tradition: Pioneering, High-end Quality, Team Spirit, Dedication to Science, and Continuous Improvement. For us, living up to these values means: Living up to Life.

**Active worldwide**

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<td>+61 2 9878 1055</td>
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and representatives in more than 100 countries