

Zeiss Axio Observer Z1



Location: 3517

Stand

Zeiss Axio Observer Z1, inverse, fully motorized

Objectives

- EC Plan-Neofluar 10x/0.3 RMS
- LD A-Plan 20x/0.35 M27
- EC Plan-Neofluar 40x/1.3 Oil RMS
- Plan-Apochromat 63x/1.4 Oil DIC RMS
- EC Plan-Neofluar 100x/1.3 Oil M27

Illumination

- Colibri 7 (7-channel fluorescence lamp)
- VIS-LED

Filters (widefield illumination/viewing)

- ZEISS Filter set 90:
e.g. DAPI, FITC, TRITC, Cy5 (Ex: 385, 475, 555, 630; Em QBP: 425/30, 514/30, 592/25, 709/100)
- ZEISS Filter set 91:
e.g. CFP, YFP, mCherry (Ex: 430, 511, 590; Em TBP: 467/24, 555/25, 687/145)
- ZEISS Filter set 110:
e.g. DAPI, FITC, mCherry, Cy7 (Ex: 385, 475, 590, 735; Em QBP: 425/30, 524/51, 634/38, 785/38)

Detection Systems

- Orca Flash 4.0 LT+

Stage/Inserts

- MCU 2008 Scanning Stage
- Standard inserts for slides and plates

Software

- ZEN blue 3.3 pro on Windows 11 pro - 64-bit

Environmental Control

Inserts for slides and 6well, 96-well,... - plates are available