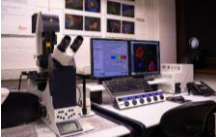


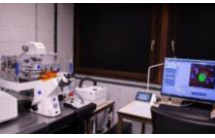
Light microscopes

Leica SP5



Type	Confocal
Stand	Inverted Leica DMI6000CS
Objectives lenses	10x (PL Fluotar, NA 0.3 dry) 40x (PL-Apo CS, NA 1.3 oil UV) 63x (PL-Apo CS, NA 1.4 oil UV) 100x (PL-Apo CS, NA 1.4 oil)
UV-Vis light source	Short Arc Lamp HXP Metal halide
Laser lines	405 nm (diode) 458, 476, 488, 514 nm (Ar) 561 nm (diode) 633 nm (diode)
Camera	/
Detectors	3 PMTs for fluo 1 PMT for TL
Filters	Spectral detection
Incubation	/
Antivibration table	Stone
Drift-correction	/
Particularity	/
Compatible supports	Slide 35 mm Petri dish IBIDI or LabTek slides
Software (File Format)	LAS.AF (.lif)

Zeiss LSM900



Type	Confocal, airyscan, brightfield
Stand	Inverted Zeiss Axio Observer 7
Objectives lenses	5x (EC PL Neofluar, NA 0.16 dry) 20x (PL-Apo, NA 0.8 dry) 40x (PL-Apo, NA 0.95 dry) 40x (PL-Apo, NA 1.3 oil) 63x (PL-Apo, NA 1.4 oil, for Airyscan)
UV-Vis light source	385, 475, 555 and 630 nm LEDs
Laser lines	405 nm (diode) 488 nm (diode) 561 nm (diode) 633 nm (diode)
Camera	Axiocam 305 mono Pixel size: 3.45 µm
Detectors	1 Airyscan multi-GaASP PMT 2 multi-alkali PMTs
Filters	Spectral detection
Incubation	Incubator box and stage top T°/CO2/humidity chamber
Antivibration table	Compressed air
Drift-correction	Definite Focus 2
Particularity	Airyscan 2 multiplex, AI sample finder
Compatible supports	Slide 35 mm Petri dish IBIDI or LabTek slides Multiwell plates
Software (File Format)	Zen Blue (.czi)

Zeiss Cell Discover 7



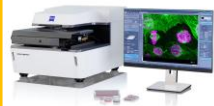
Type	Confocal, airyscan, epifluo, brightfield
Stand	/
Objectives lenses	5x (PL-Apo, NA 0.25 dry, 5.1mm WD) 20x (PL-Apo, NA 0.7 dry, 2.2mm WD) 20x (PL-Apo, NA 0.8 dry, 0.76mm WD) 50x (PL-Apo, NA 1.2 water, 0.84mm WD) + tube lens: 0.5x, 1x or 2x
UV-Vis light source	385, 420, 470, 511, 567, 590 and 625 nm LEDs
Laser lines	405 nm (diode) 488 nm (diode) 561 nm (diode) 633 nm (diode)
Camera	Axiocam 506 mono Pixel size: 4.54 µm
Detectors	1 Airyscan multi-GaASP PMT 2 multi-alkali PMTs
Filters	Spectral detection for confocal/airyscan For epifluorescence: QBP 425/30 + 514/30 + 592/25 + 709/100 TBP 467/24 + 555/25 + 687/145 TBP 425/30 + 524/50 + 688/145
Incubation	T°/CO2/humidity chamber
Antivibration table	Compressed air
Drift-correction	Definite Focus 3
Particularity	Automated imaging, thick samples, plastic bottom compatible
Compatible supports	Slide 35 mm Petri dish IBIDI or LabTek slides Multiwell plates
Software (File Format)	Zen Blue (.czi)

Gataca azimuthal TIRF & spinning disk



Type	TIRF, confocal spinning disk
Stand	Inverted Zeiss Axio Observer 7
Objectives lenses	20x (EC PL-Neofluar, NA 0.5 dry) 40x (PL-Apo, NA 1.3 oil) 63x (PL-Apo, NA 1.4 oil) 100x (Alpha PL-Apo, NA 1.46 oil)
UV-Vis light source	HXP 120 V (Hg lamp)
Laser lines	488 nm (diode) 561 nm (diode) 642 nm (diode)
Camera	sCMOS Photometrics Prime 95B Pixel size: 11 µm
Detectors	/
Filters	BP 450/50 BP 525/50 BP 605/52 BP 700/50
Incubation	Stage top T°/CO2/humidity chamber
Antivibration table	Compressed air
Drift-correction	Definite Focus 3
Particularity	Azimuthal 3D TIRF, confocal spinning disk, live-SR
Compatible supports	Slide 35 mm Petri dish IBIDI or LabTek slides Multiwell plates
Software (File Format)	Metamorph (.nd)

Zeiss Lattice Lightsheet 7



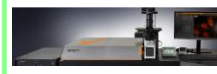
Type	Lattice light sheet
Stand	/
Objectives lenses	Illumination: 13.3x (NA 0.44 water) Detection: 44.83x (NA 1 water)
UV-Vis light source	White, red and side LEDs
Laser lines	488 nm (diode) 561 nm (diode) 640 nm (diode)
Camera	sCMOS Hamamatsu ORCA-Fusion Pixel size: 6.5 µm
Detectors	/
Filters	BP 570-620 + LP 655 BP 495-550 + LP 655 BP 495-550 / BP 570-620 BP 495-590 LP 570
Incubation	Stage top T°/CO2/humidity chamber
Antivibration table	Compressed air
Drift-correction	/
Particularity	4D imaging
Compatible supports	Slide 35 mm Petri dish IBIDI or LabTek slides
Software (File Format)	Zen Blue (.czi)

Abberior STEDYCON



Type	2D STED, confocal
Stand	Inverted Zeiss Axio Observer 7
Objectives lenses	100x (Alpha PL-Apo, NA 1.46 oil)
UV-Vis light source	385, 475, 555 and 630 nm LEDs
Laser lines	405 nm (cw diode) 488 nm (pulsed diode) 561 nm (pulsed diode) 640 nm (pulsed diode) STED laser : 775 nm (pulsed diode)
Camera	/
Detectors	4 APDs
Filters	BP 420-475 BP 505-550 BP 575-625 BP 650-700
Incubation	/
Antivibration table	Isolation table
Drift-correction	STEADYFOCUS
Particularity	Resolution xy = 40 nm
Compatible supports	Slide 35 mm Petri dish IBIDI or LabTek slides
Software (File Format)	STEDYCON Web Interface (.obf)

Abberior INFINITY



Type	2D/3D STED, confocal, lifetime
Stand	Inverted Olympus IX83
Objectives lenses	20x (UPL-FL N, NA 0.5 dry) 60x (UPL-SApo, NA 1.2 water) 60x (UPL-XApo, NA 1.42 oil)
UV-Vis light source	405, 470, 565 and 625 nm LEDs
Laser lines	405 nm (cw diode) 488 nm (pulsed diode) 561 nm (pulsed diode) 635 nm (pulsed diode) STED laser : 775 nm (pulsed diode)
Camera	DMK 33G274 Pixel size: 4.4 µm
Detectors	1 Matrix detector 2 APDs
Filters	Spectral detection
Incubation	Stage top T°/CO2/humidity chamber
Antivibration table	Compressed air
Drift-correction	Continuous autofocus
Particularity	Resolution xy = 40 nm or xyz = 70 nm, fluorescence lifetime
Compatible supports	Slide 35 mm Petri dish IBIDI or LabTek slides
Software (File Format)	Inspector (.obf)

Sartorius Incucyte S3



Type	Brightfield, epifluo
Stand	/
Objectives lenses	4x (PL-Apo, NA 0.2 dry) 10x (PL-Fluo, NA 0.3 dry) 20x (PL-Fluo, NA 0.45 dry)
UV-Vis light source	460 and 585 nm LEDs
Laser lines	/
Camera	Basler Ace 1920-155um Pixel size: 5.86 µm
Detectors	/
Filters	BP 504-544 BP 625-705
Incubation	Inside a cell culture incubator
Antivibration table	/
Drift-correction	Auto focus
Particularity	Automated imaging of cell culture, wound healing, spheroid, cell classification
Compatible supports	Multiwell plates
Software (File Format)	Incucyte (.tif)