



It is a Zeiss widefield System dedicated to screening of fixed samples on slides. It provides automated imaging in fluorescent and transmitted light and can process up to 100 slides in one cycle.

Show all Details

Booking System

<b>Category</b>	Widefield, Slide scanner
<b>Location</b>	CRTD, ground floor south, LMF CMCB, room -1.120
<b>Suitable for Specimen</b>	Fixed samples
<b>Suitable for Technique</b>	Multiple positions
<b>Microscope Stand</b>	Zeiss Axioscan.Z1, upright stand
<b>Objectives</b>	<ul style="list-style-type: none"> <li>▶ <b>5x/0.25</b> Fluor, Air, Zeiss</li> <li>▶ <b>10x/0.45</b> Plan-Apochromat, Air, Zeiss</li> <li>▶ <b>20x/0.8</b> Plan-Apochromat, Air, DIC, Zeiss</li> <li>▶ <b>40x/0.95</b> Plan-Apochromat, Air, DIC, Zeiss</li> <li>▶ <b>20x/0.5</b> EC Plan-Neofluar, Air, DIC, Zeiss</li> </ul>
<b>Condenser</b>	BF, Ring Aperture Contrast (RAC)
<b>Fluorescence Filter Cubes</b>	motorized revolver <ul style="list-style-type: none"> <li>▶ Dapi (BS 409; Em 417-477)</li> <li>▶ GFP (BS 495; Em 499-529)</li> <li>▶ RFP (BS 573; Em 580-611)</li> <li>▶ Cy5 (BS 660; Em 663-692)</li> <li>▶ UV/G/R/IR (BS 405/493/611/762; Em 410-440/498-549/615-653/766-804)</li> </ul>
▶ <b>Transmitted Illumination</b>	LED (LED)
▶ <b>Fluorescence Illumination</b>	Colibri 7 (LED) <ul style="list-style-type: none"> <li>▶ 385 nm with Filter Ex 370-400</li> <li>▶ 475 nm with Filter Ex 450-488</li> <li>▶ 555 nm with Filter Ex 540-570</li> <li>▶ 590 nm with Filter Ex 577-607</li> <li>▶ 630 nm with Filter Ex 615-648</li> <li>▶ 735 nm with Filter Ex 715-755</li> </ul>
▶ <b>Camera</b>	<ul style="list-style-type: none"> <li>▶ Hitachi HV-F202SC, Color CCD camera, dixel size 4.4 μm</li> <li>▶ Hamamatsu Orca Flash 4.0 V2, Monochrome sCMOS camera, dixel size 6.5 μm</li> </ul>
▶ <b>XY Stage</b>	motorized stage
▶ <b>Computer</b>	HP Z820 Workstation
▶ <b>Software</b>	Zeiss <b>ZEN 3.1 (blue)</b>
▶ <b>Additional Information</b>	▶ Inventory Number 101631/00