

NanoZoomer information sheet

(Updated on 6 Sept 2022)

Location: Room 1.02, Level 1, WIMR

Built-in Microscope: Hamamatsu NanoZoomer HT

Built-in Camera: HAMAMATSU color 3CCD with color separation

scanning speed: 5 min for 20x20mm at 20x (or at resolution 230 nm per pixel)

magnification 40x/20x nominal;

scanning area: 25x52mm-except slide hold area

Imaging Software: NDP.scan 2.2.60 (14.11.2009)

Scanning capacity: 7 slide cassettes, each can carry 30 slides, total 210 slides

Objectives:

- Olympus 20X/0.70 UplanApo

Resolution: 460 nm or 230 nm per pixel, user selectable

Fluorescent filters (not recommended for fluo imaging):

Filter	Excitation (nm) (FF01-407/494/576-25)	Emission (nm) emitter (FF01-457/530/628-25)	Dichroic mirror (FF436/514/604-Di01- 25x36)
Triple-band*	B 407/14	457/22	457/11 (446-468)
	G 494/20	530/20	530/10 (520-540)
	R 576/20	628/28	628/14 (614-642)
FITC-3540B-OMF	482/35	536/40	513-725
TXRED-4040B-OMF	562/40	624/40	601-800

Computer: Dell Precision Tower 5810 Win 10 Pro

Other computer software: NDP.explorer, NDP.viewer

Internet connection: connected to internet as well as WIMR AD server

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Please contact our friendly staff with any questions or problems

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