

OPTICAL EPIFLUORESCENCE MICROSCOPE NIKON ECLIPSE TE2000-E:



Illumination	<ul style="list-style-type: none"> • Visible DC lamp 12V, 100W • Mercury lamp 100W
Objectives	<ul style="list-style-type: none"> • Objective Plan Fluor 10x/0.30 Ph1 DLL • Objective Plan Apo 20x/0.45 DIC Ph1 DM • Objective Plan Apo 40x/0.60 DIC M • Objective S Fluor 40x/1.3 Oil • Objective Plan Apo 100x/1.3 Oil Ph3 DLL
Magnification	<ul style="list-style-type: none"> • 100-1500X
Fluorescence filters	<ul style="list-style-type: none"> • DAPI: Ex 340-380 / DM 400 / BA 435-485 • FITC: Ex 465-495 / DM 505 / BA 515-555 • G-2A: Ex 528-553 / DM 565 / BA 578-633
Detection system	<ul style="list-style-type: none"> • Nikon Color Camera DS-2Mv (Software NIS-Elements) • Hamamatsu Monochromatic Camera ORCA-ER (Software Metamorph)
Observation methods and applications	<ul style="list-style-type: none"> • Brightfield • Epifluorescence • Phase contrast (10x and 20x) • Fixed or <i>in vivo</i> samples, with temperature controller for RT 50°C • <i>Stacks</i> in z and <i>time-lapse</i> (motorized stage)