

Nikon Ni-E Upright 1&2

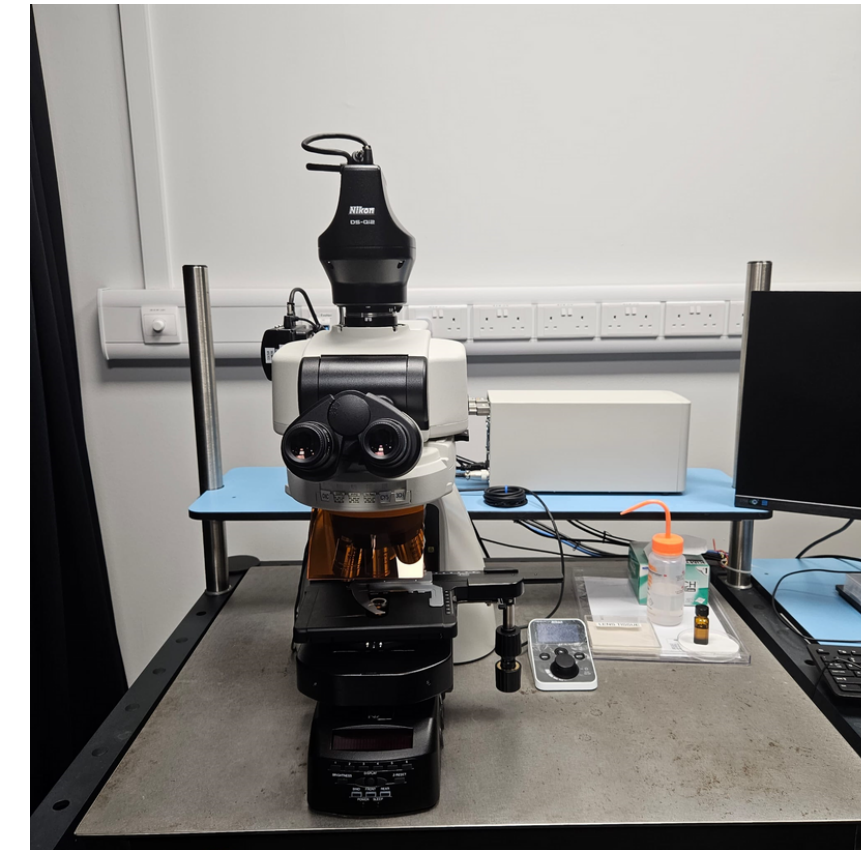
Objective Lens

| Magnification / NA | Immersion media | Lens type | Phase contrast | DIC | Working distance | Coverglass thickness |
|--------------------|-----------------|-------------------|----------------|--------|------------------|----------------------|
| 4x / 0.20 | Air | Plan Apo lambda D | X | X | 20 mm | - |
| 10x / 0.45 | Air | Plan Apo lambda | X | DIC N1 | 4.0 mm | 0.17 mm |
| 20X / 0.75 | Air | Plan Apo lambda | X | DIC N2 | 1.0 mm | 0.17 mm |
| 40x / 1.30 | Oil | Plan Fluor | X | DIC N2 | 0.24 mm | 0.17 mm |
| 60x / 1.40 | Oil | Plan Apo lambda | X | DIC N2 | 0.13 mm | 0.17 mm |
| 100x / 1.45 | Oil | Plan Apo lambda D | X | DIC N2 | 0.13 mm | 0.17 mm |

FL Filter Wheel

| | Channel | Excitation | Dichroic | Emission |
|-----------|-----------------|------------|----------|-----------|
| Widefield | DAPI | EX362-396 | DM415 | BA432-482 |
| | FITC | EX465-495 | DM505 | BA512-558 |
| | Texas Red | EX540-580 | DM595 | BA600-660 |
| | Cy5 | ET620/60x | T660lpxr | T700/75m |
| | DAPI/FITC/TRITC | 69000x | 69000bs | 69000m |

| | | |
|-----------------|-------------------------|--------------|
| Light sources | Transmitted/brightfield | Nikon LED |
| | Widefield fluorescence | Nikon D-LED1 |
| Detectors | Colour camera | Nikon DS-Fi3 |
| | Monochrome camera | Nikon DS-Qi2 |
| Microscope body | Nikon Eclipse Ni-E | |
| Sample formats | Slide | |
| Software | NIS-Elements AR 5.41 | |



Functions

Brightfield, DIC, Wide Field Fluorescence