

## Optical Microscope

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Nikon Eclipse TE2000U is an advanced inverted microscope used for variety of applications which require high precision e.g. live cell microscopy, flow visualization within microfluidic channels, for characterizing interfaces in the area of contact mechanics and so on and so forth.

### Features

The microscope has the facility for standard applications in phase contrast, dark-field and DIC. The microscope has a manual XY stage and motorized Z-focus with an accuracy of 50nm. The motor can be operated using a remote control pad. The microscope has DIC & epi-fluorescence attachment for fluorescence microscopy. It has condenser with modules for phase contrast. Available filters are: day colour balance, heat absorbing, green interference and the fluorescence band-pass filter. The microscope has objectives with magnifications: 4X, 10X, 20X and 40X. Many of these features can be further extended.