# STD.06.C102
# Microscope Incubators

## *Introduction*

The live cell imaging environment controller can cooperate with the microscope to conduct long-term time-lapse observation of cells. The controller includes a controller and a cell culture chamber. The controller can precisely control the temperature, carbon dioxide and oxygen concentrations of the cell culture chamber. The cell observation chamber can be installed on common inverted microscopes or other cell microscopy imaging systems.
Available in different sizes to accommodate standard multi-well plates, petri dishes, slides,

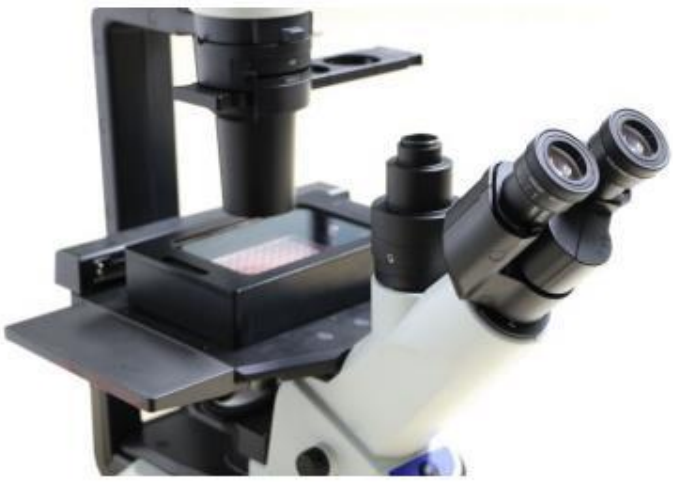
etc.

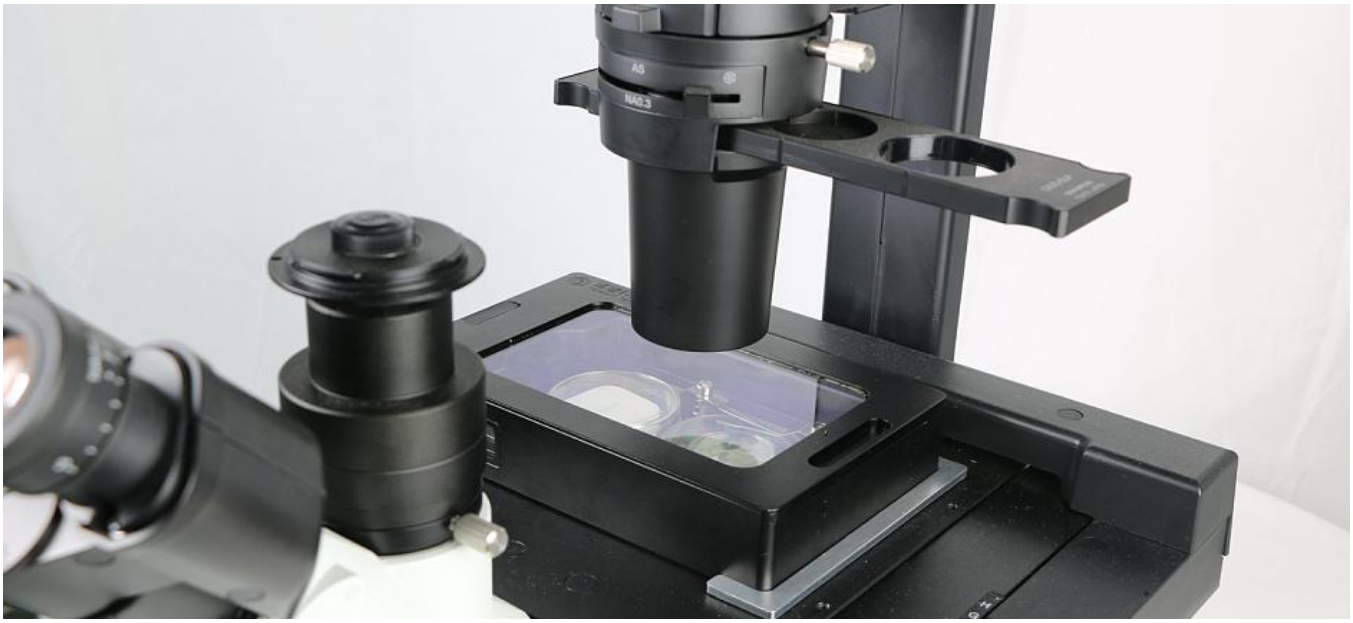
## *Application*

The cell observation chamber is used to place cell culture dishes or cell culture slides, and the built-in cells can be used for long-term square experiments of living cells in a controlled environment (such as a hypoxic environment).

## *Features*

1. Controllable parameters: Temperature, Humidity (humidification), O2 concentration, CO2 concentration.
2. O2 concentration control range: 0.1%~20.9%(0-100% range is optional ) adjustment accuracy is 0.2%,
3. Temperature control range: 30-40 ℃, the accuracy is 0.1 ℃, optional low temperature function
4. CO2 concentration control range: 0.1%-20%, Accuracy of adjustment is 0.1%

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