



OPTIKA[®]
M I C R O S C O P E S
I T A L Y

STI

Stage
Top
Incubation



Looking for INCUBATION?

OPTIKA can provide a comprehensive and integrated solution ensuring an easy way to perform the best possible state-of-the-art microscopes and accessories for live cell experiments.

STI

Stage Top
Incubation



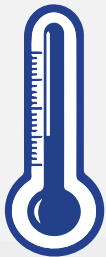
OPTIKA Inverted Microscope

- Trinocular Head
- Brightfield, Phase Contrast and Fluorescence
- IOS (Infinity corrected) Optical System
- State-of-the-Art X-LED Illumination System
- Possibility to Combine Several Types of Cameras



Incubation System

- Humidity, Temperature, CO₂ Setting
- Stage Top Digital Controller
- Oko-lab® - OPTIKA for Reliable Sample Incubation



37°



Temperature, Humidity and CO₂
With Modern Controller

LIFE CELL IMAGING

Example of Time-lapse Imaging of the Mythesis



0 min

5 min

12 min

19 min



25 min

30 min

40 min

55 min

60 min

Performance Made Simple

Living cells need optimal environmental conditions, and these are highly depending on the tissue under examination. These, combined with the specific requirements of your experiment, define the need to have separate control over temperature, CO₂, humidity. The Oko-lab® stage top incubator employs a powerful humidifier approaching 90% relative humidity. Humidified gas is delivered to the sample through a heated and insulated tube. An algorithm accounting for room temperature variations automatically adjusts the tube's temperature.