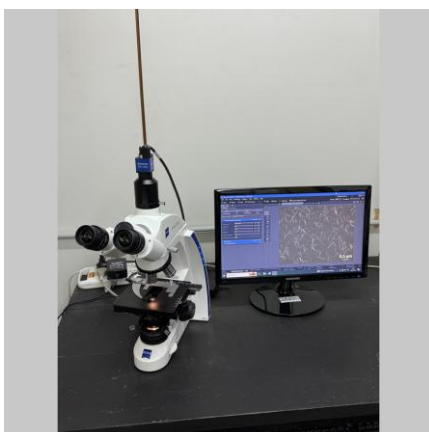




#5015

Optical Microscope (Carl Zeiss, Primo Star)

DESCRIPTION

Transmitted-light optical microscope for bright-field, phase-contrast, and dark-field observation. Enables analysis of microorganisms, cells, particles, and other microscopic structures for research, development, and quality control applications.

MAIN FEATURES

- ICS optical system; magnification range: 40×–1000×
- Plan achromatic objectives: 4×, 10×, 40× (spring-loaded), 100× (oil), 40× (phase)
- WF 10×/20 eyepieces; fine focus resolution: 2 µm/div
- Abbe condenser NA 0.9/1.25; phase-contrast and dark-field slider
- Adjustable LED illumination; 75×30 mm stage; Axiocam 105 color camera

MAIN APPLICATIONS

- Observation and analysis of microorganisms, cells, emulsions, and suspensions
- Microbiological quality control; monitoring of cell cultures and fermentation
- Inspection of food, biological, and environmental samples

ASSOCIATED CAPABILITY AND SERVICES

2002 - 3002 - 3401

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