



**Sunny Instruments**

**ICX41M**

INVERTED METALLURGICAL MICROSCOPE



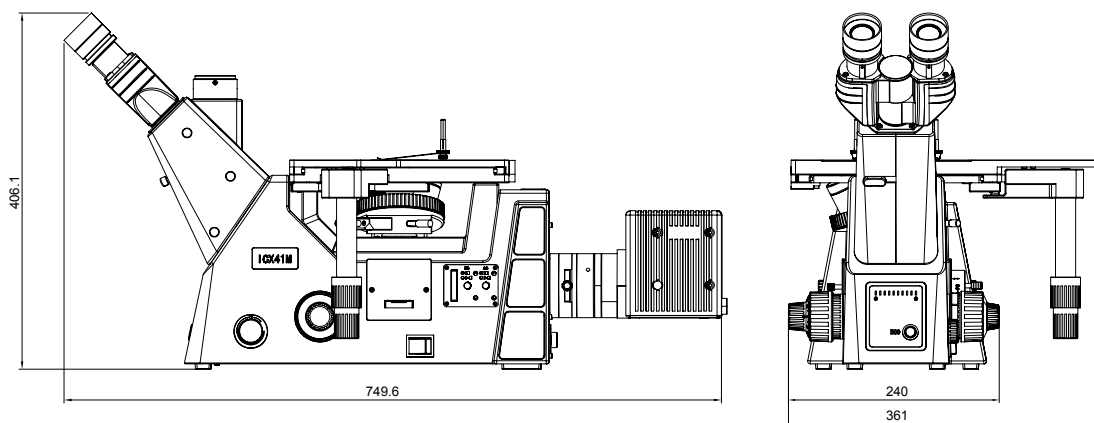
## Feature

- Ergonomic head, 360 degree rotatable, working with low-position hand wheel, provide comfortable operation and relieve the fatigue from long-time using.
- ECO infrared induction system, auto off and on for energy saving.
- With a variety of accessories for different observations, including bright field, dark field, polarizing, DIC, ICX41M is widely applied for the research of cast, smelt, heat treatment and the inspection of raw material and material processing, as well as food safety evaluation, medical test and geological test.

## Specification

Optical System	Infinity color corrected optical system
Viewing Head	45 degree trinocular head, 360 degree rotatable, inter-pupillary distance: 50~75mm, splitting ratio binocular: trinocular=100:0 or 0:100
Eyepieces	High eye-point wide field plan eyepiece PL10X/22mm, diopter adjustable, reticle attachable
	High eye-point wide field plan eyepiece PL15X/16mm, diopter adjustable
Objectives	Long working distance plan achromatic metallurgical objectives 5X/10X/20X/50X/100X
	Long working distance BD plan achromatic metallurgical objectives DIC-5X/10X/20X, 50X/100X
Nosepiece	Bright field quintuple nosepiece with DIC slot
	Bright field sextuple nosepiece with DIC slot
	Bright and dark field quintuple nosepiece with DIC slot
Frame	Reflected metallurgical frame with coaxial fine and coarse focusing system, coarse range: 9mm (6.5mm up and 2.5 down), fine precision: 0.002mm; with BD shifter, with iris field diaphragm and aperture diaphragm, both centers adjustable
Illumination System	External wide voltage transformer, 100V – 240V input, 12V5A output; with light indicator, intensity adjustable, with infrared induction
Stage	240 X 250mm three-layer mechanical stage, moving range: 50 X 50mm; bothway linear guide rail, right low-position adjustment
Condenser	NA0.3 long working distance condenser
Camera Adapter	0.35X/0.5X/0.65X/1X C-mount adapter
Others	Polarizing kit; filters; high precision micrometer

## Dimension: mm



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No additional notice for changes on the specification or appearance

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