

i4 Infinity 12v DC Microscope

The i4 Infinity 12v DC microscope features exceptional optical quality and expandability for top-notch performance. Equipped with 12 volt DC electronics and capable of operating off battery power, the i4 Infinity 12v DC is ideal for use by technicians in the lab or by educators and medical missionaries in the field. Infinity Plan and Semi-Plan optics with a 30-year anti-fungal coating match quality with value within any clinic's budget. With cool, long-life LED illumination, the i4 Infinity 12v DC microscope is the perfect choice for durability, dependability, portability, and superior imaging.

Tested and compliant to IEC 61010-1 safety and electrical requirements

UL marked on rear of microscope

cUL Listed Power Adapter Meets Canadian Standards



HEAD

Binocular (Seidentopf), Trinoc available
Digital cameras and adapters available
Dioptr adjustment
Inclined 30°, rotates 360°
10X/18 WF Eyepieces
(10X/20X Super WF HP eyepieces available)
Interpupillary distance range 48-75mm

NOSEPIECE

Reverse quadruple nosepiece
Multiple ball bearing mounted


OBJECTIVES

Infinity Semi-Plan or Plan objectives
4X, 10X, 40XR, 100XR (oil)
50X (oil) objective is also available
Anti-fungal, parfocal, parcentric, color-coded

STAGE

Mechanical stage (140mm X 130mm)
Coaxial drive controls, metal rack & pinion
Range of traverse: 78mm x 50mm
Stage locking lever
Slow-close hydraulic slide finger

ILLUMINATION

Moveable Abbe condenser, NA 1.25
Iris Diaphragm
LED "daylight" long-life light source
Variable light adjustment: 0-20W output
100-240V / 50-60Hz automatic-switching
12v DC power adapter - cUL listed
12v  1A

i4 Infinity 12v DC

Model #	Description
I4M-BU4A-IPLP	Binoc head, 4-10-40-100 Infinity Plan objectives, UL marked
I4M-TU4A-IPLP	Trinoc head, 4-10-40-100 Infinity Plan objectives, UL marked
I4M-BU4A-ISLP	Binoc head, 4-10-40-100 Infinity Semi Plan objectives, UL marked
I4M-TU4A-ISLP	Trinoc head, 4-10-40-100 Infinity Semi Plan objectives, UL marked

- Medical-Grade Microscope
- Anti-Fungal Coating on All Lenses
- LED "daylight" long life illumination

FOCUS

Coarse adjustment: range of 30mm
Fine adjustment: graduation of 2µm
Tension control knob

OPTIONS

Phase contrast, 50x oil objective, camera attachments, battery cables, solar rechargeable DC battery pack and more.

WEIGHT AND DIMS

Height: 14.1" (352.5 mm)
Length: 10.7" (267.5 mm)
Width: 6.1" (152.5 mm)
Weight: Binoc: 16.0 lbs. (7.26 kg)
Trinoc: 16.6 lbs. (7.53 kg)



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