# i4 Epi Lumin™

Labequip
170 Shields Court Unit 2
Markham, ON L3R 9T5
TEL: (905) 475-5880 ext. 226
FAX: (905) 475-1231

For users requiring a multi-purpose microscope for expanding health services, LW Scientific introduces the new i4 Epi Lumin™ Fluorescence microscope. With integrated LED technology for both bright field and epifluorescence microscopy, the i4 Epi Lumin™ offers superior clarity and crisp imaging—all at a price that allows even labs on a limited budget to benefit from the latest technological advances.

The Lumin™ epifluorescence module converts our standard i4 microscope to a fully functional epifluorescence microscope. The resulting images rival those obtained from traditional, expensive epifluorescence systems.

Designed, Engineered & Assembled
Proudly in America

## HEAD

Binocular (Seidentopf), Trinoc available
Digital cameras and adapters available
Diopter adjustment
Inclined 30°, rotates 360°
10X/18 WF Eyepieces
(10X/20X Super WF HP eyepieces available)
Interpupillary distance range 55-75mm

## NOSEPIECE

Reverse quadruple nosepiece
Multiple ball bearing mounted

## OBJECTIVES

Infinity Semi-Plan or Plan Achromat objectives
4X, 10X, 40XR, 100XR (oil)
20X and 50X (oil) objective also available
Anti-fungal, parfocal, parcentric, color-coded

## ILLUMINATION

**Brightfield:**
Moveable Abbe condenser, NA 1.25
Iris Diaphragm
Input: 12V ⎓ 1A
(use only supplied power adapter)
Power Adapter: Input 100-240v
50-60 Hz auto-switching

**Epifluorescence:**
LED long-life light source
Excitation spectrum: FITC standard
Other filter cubes available upon request

| Model # | Description |
|---|---|
| I4S-EPB4-IPL3 | i4 Epi Lumin™ (490/510nm) Infinity PLAN Binoc, LED, 4-10-40-100 |
| I4S-EPT4-IPL3 | i4 Epi Lumin™ (490/510nm) Infinity PLAN Trinoc, LED, 4-10-40-100 |
| I4S-EPB4-ISL3 | i4 Epi Lumin™ (490/510nm) Infinity Semi-Plan Binoc, LED, 4-10-40-100 |
| I4S-EPT4-ISL3 | i4 Epi Lumin™ (490/510nm) Infinity Semi-Plan Trinoc, LED, 4-10-40-100 |

## FOCUS

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

## STAGE

Mechanical stage (140mm X 140mm)
Coaxial drive controls, metal rack & pinion
Range of traverse: 73mm x 43mm
Stage locking lever
Slow-close hydraulic slide finger

## DIMENSIONS

Height: 18” (457.2mm)
Length: 10.7” (267.5 mm)
Width: 6.1” (152.5 mm)
Weight: 24 lbs (10.9 kg)

LW Scientific

P 770.270.1394
F 770.270.2389

865 Marathon Parkway
Lawrenceville GA 30046

LWScientific.com

Get it from your authorized distributor: www.labequip.com Labequip ask@labequip.com