

The Vetlab Premiere 100

LED Monocular Microscope



Specialists in Veterinary
Laboratory Supplies

The Vetlab Premiere 100 LED Monocular biological microscope is designed for use in routine veterinary examinations and teaching demonstrations in schools and colleges. It is an ideal low-cost entry level microscope suitable for performing Faecal Worm Egg Counts on large and companion animals. It can be purchased individually or in one of our Parasitology Starter Kits, either with a McMaster Slide or OvaTube.

Features:

Optical System:

Finite 160mm optical path.

Viewing Head:

Monocular, rotatable 360°. Eyepiece tube 45° angle, internal dia. 22mm.

Eyepieces:

Wide Field (WF) 10X / Field of View 18mm
Additional WF 16X / 11mm eyepiece

Nosepiece Turret:

Quadruple revolving with click stop for positive objective positioning.

Objectives:

Good quality Finite Achromat 4X, 10X, 40X (S), 100X (S)(O) providing excellent image definition. 40X and 100X objectives have retractable spring-loaded lenses for protection against damage during focusing.

Focus Controls:

Low positioned, dual coaxial coarse and fine focus controls. Coarse/Fine focus range 20mm. Fine focus scale value 0.002mm.

Stage:

Double layer mechanical stage 125mm x 115mm. Drop down coaxial, low positioned X/Y controls. Moving range 70mm x 23mm. Spring loaded single slide holder accepts max. width 90mm x 60mm deep. Accepts McMaster worm egg counting slide. Double vernier scale for object position identification. Focus stop, pre-set but adjustable (limits upward movement of stage thereby protecting specimen slide from damage).

Condenser:

Abbe condenser 1.25. N.A. with Iris diaphragm and filter holder. Height fully adjustable on rack and pinion mechanism. Centring adjustment and removal via 2 easily accessible large screws.

Illumination:

Built-in transformer with rheostat and external brightness control. 220V. LED bulb 1W.

Included:

User Manual, mains power lead, dust cover, blue filter, lens tissues, slides



The Vetlab Premiere 100 LED Monocular Microscope Cat. No. 1963

1 Year Warranty

Free Microscope Consumables

CE Certified