

Woodlyn® HR Series Slit Lamp



The Woodlyn HR-1 Slit Lamp features high resolution and consistent quality. Other features include halogen illumination, providing for a whiter and brighter image, a single joystick controlling both horizontal and vertical movements, and a microscope providing a wide field of view. Slit lamp adjustments are precise to insure accuracy. Its horizontal slit beam can be inclined to 30 degrees. Slit height is 10mm.

The Woodlyn HR-5 Slit Lamp provides the practitioner with all the features required to perform a complete slit lamp examination. The HR-5 is also adaptable to the many photo attachments available. The microscope offers a high degree of resolution with a five step magnification of 6x, 10x, 16x, 25x, and 40x. It also features an ultra fine slit illumination image, and a joystick with X-Y-Z position control.

Woodlyn's HR-3 Slit Lamp offers a three step magnification of 10x, 16x, and 25x, and provides all the same outstanding features as the HR-5.

Woodlyn® HR Series Slit Lamp

SPECIFICATIONS

HR-1

Gross Weight 49 Lb
Net Weight 36 Lb

Focusing:

Single hand controls for X, Y and Z movements, and a 94mm working distance.

Microscope:

Converging optics that accommodates PD's of 52 to 89mm. Flip lever magnification changer.

Magnification (Mag.) & Field of View (FOV):

Eyepiece	Objective	Mag.	FOV
10	1.x	10	18mm
10	1.6	16	11.5mm
16	1.x	16	14.5mm
16	1.6	25.6	9mm

Eyepiece Data:

10x and 16x eyepieces at a 13 degree convergence angle. Adjustable focus of +/- 8 Diopters.

Power:

Input 120 V.A.C. Output 12 Volt

Optional Accessories:

Any slit lamp diagnostic lens
Woodlyn Applanation R-900 tonometer
Motorized table

Illumination System

Slit Projection: 2/3x

Slit Angle; Continuously variable through 90 degrees from the vertical to the horizontal with corresponding axis scale marked in 5 degree increments.

HR-3

Gross Weight 50 Lb
Net Weight 38 Lb

Focusing:

Single hand controls for X, Y and Z movements, and a 102.5mm working distance.

Microscope:

Parallel to converging optics that accommodates PD's of 52.5 to 77.5mm. Drum magnification changer.

Magnification (Mag.) & Field of View (FOV):

Microscope	FOV
10	29.5mm
16	15mm
25	7.5mm

Eyepiece Data:

15x eyepieces with adjustable focus of +/- 7 Diopters.

Power:

Input 120 V.A.C. Output 12 Volt

Optional Accessories:

Any slit lamp diagnostic lens
Woodlyn Applanation R-900 tonometer
Motorized table
Beam Splitter
Camera Mounts (35mm or Video "C")
Observation (teaching) tube
Cameras: 35mm, Polaroid or Video

HR-5

Gross Weight 50 Lb
Net Weight 37 Lb

Focusing:

Single hand controls for X, Y and Z movements, and a 97.5mm working distance.

Microscope:

Parallel to converging optics that accommodates PD's of 48 to 78mm. Drum magnification changer.

Magnification (Mag.) & Field of View (FOV):

Microscope	FOV
6	35.5mm
10	22.5mm
16	14.5mm
25	9mm
40	5.75mm

Eyepiece Data:

12.5x eyepieces with adjustable focus of +5 to -6 Diopters.

Power:

Input 120 V.A.C. Output 12 Volt

Optional Accessories:

Any slit lamp diagnostic lens
Woodlyn Applanation R-900 Tonometer
Motorized table
Beam Splitter
Camera Mounts (35mm or Video "C")
Observation (teaching) tube
Cameras: 35mm, Polaroid or Video

Apertures: 10,6,4,3,1 and 0.2

Slit Inclination: to 30 degrees in 10 degree increments.

Horizontal scanning: for easy retro illumination with centering knob.