

HAWK *i*

• SLIT LAMPS FOR OPHTHALMIC DIAGNOSIS •



Available with
Halogen/ LED
illumination

HAWK i is a dexterous system with a brawny stature ergonomically designed with fluid mechanical movement that possess diagnostic essentials readily accessible to eye care professionals providing many years of dependable service. Built-in apochromatic optics aid to achieve the clearest possible view of the anterior and posterior segment of the human eye.

HAWK i T2/ T3/ T5 is a compact illumination system rendering excellent optical and mechanical performance providing ultimate value with an inherently designed 2-step, 3-step and 5-step optical system and top end illumination. **HAWK i B2/ B3/B5** is an equally compact illumination system like **T2/ T3/ T5**, additionally providing the eye-care professional with greater space efficiency.



Bottom illumination



Top illumination

From routine examinations to specialized screening, **HAWK i** renders crisp, detailed images of excellent quality mirroring true life resolution as the hallmark of implementing specially coated optics. These coatings render high throughput light curbing reflective properties and possess anti-fungal, anti-fog and are scratch resistant.



HAWK i *Slit lamps adaptable with Integrated Camera System and Software*

Features

- *Specially coated optics*
- *Ergonomical design*
- *Apo chromatic property*
- *Imported Optics*
- *LED illumination system**
(* Except B2 & T2)

Benefits

- *Render high throughout light curbing reflective properties*
- *Fluid mechanical operations*
- *True reflections of original image and no color distortion*
- *Gives clarity and durability*
- *LED illumination system offers less heat generation and longer life span*

THIRD i Camera

(High resolution integrated digital camera with beam splitter to capture details for eye examination)

Features and specifications

- *High resolution USB camera with integrated beam splitter that fits to Laptop or desktop computer*
- *Third-i camera comes along with iCapture software to capture fine and crisp images and record videos*
- *Easy to use software user interface for organising images and patient information*
- *Sony 8 Mega pixel camera with USB interface with automatic exposure and automatic white balancing to generate clear images without saturation on maximum illumination*
- *Also available in HDMI variant to stream live video to monitors*



Images captured using Third-i camera

i CAPTURE Software

Features

- Organized patient data management for easy retrieving of existing images on patient follow-up
- Built in video and image viewer
- Comment field to enter diagnostic notes
- Generate reports on printable PDF format or export to DICOM format to transfer images between PC's
- Live preview of videos streams from camera to monitor
- Pre-defined capture modes

Image capturing made easier with foot switch control

Available in Top/ Bottom illumination



APPLANATION TONOMETER: Optilasa, Spain
"The Best in IOP measurement"

Applanation tonometer has been the gold standard in tonometer for many decades. The high precision Spanish manufacturing facility offers the best result.

Fast, Accurate & Reliable.

High quality prism

Prisms are excellent in quality and clarity allowing the user to measure the readings accurately and quickly.

Adaptability

For Top Illumination slit lamp, big tonometer mount will help to adapt accurately.

For Bottom Illumination slit lamp, thin mount will help to adapt accurately.

True to every sense of the word, **HAWK i** offers highest versatility for the complete range of eye examinations.

With **aurolase532** it can also be applied for laser therapy applications and offers well supported grip controls for contact glasses examination.



HAWK i SPECIFICATIONS

	HAWK i - B2	HAWK i - T2	HAWK i - B3	HAWK i - T3	HAWK i - B5	HAWK i - T5
Microscope	Galilean	Galilean	Galilean	Galilean	Galilean	Galilean
Magnification	10x, 16x	10x, 16x	10x, 16x, 25x	10x, 16x, 25x	6.5x, 10x, 16x, 25x, 40x	6.5x, 10x, 16x, 25x, 40x
Eye pieces	10x, 12.5x (Optional)	10x, 12.5x (Optional)	WF 12.5x / 18 mm, diopter adj. ± 5 mm	WF 12.5x / 18 mm, diopter adj. ± 5 mm	WF 12.5x / 18 mm, diopter adj. ± 5 mm	WF 12.5x / 18 mm, diopter adj. ± 5 mm
IPD range	49 - 80 mm	49 - 78 mm	49 - 78 mm	49 - 78 mm	49 - 78 mm	49 - 78 mm
Slit length/Width	0 - 14 mm continuous	0 - 12 mm	0 - 13.5 mm	0 - 12 mm	0 - 13.5 mm	0 - 12 mm
Slit apertures	1.1, 2, 3, 5, 8, 10 & 14 mm	0.3, 1, 3, 5, 9, 12 mm & continuous 1.5 to 12.0 mm	0.6, 5.8, 9, 13.5 mm & continuous 1.5 to 12.0 mm	0.3, 1, 3, 5, 9, 12 mm & continuous 1.5 to 12.0 mm	0.6, 5.8, 9, 13.5 mm & continuous 1.5 to 12.0 mm	0.3, 1, 3, 5, 9, 12 mm & continuous 1.5 to 12.0 mm
Slit rotation	0 - 180 °	0 - 180 °	0 - 180 °	0 - 180 °	0 - 180 °	0 - 180 °
Slit tilt	—	20°	—	20°	—	20°
Filters	Red free, Cobalt blue	Red free, Cobalt blue, Heat absorbing, Neutral density	Red free, Cobalt blue, Heat absorbing	Red free, Cobalt blue, Heat absorbing, Neutral density	Red free, Cobalt blue, Heat absorbing	Red free, Cobalt blue, Heat absorbing, Neutral density
Illumination	6 V, 20 W, Halogen bulb	6 V, 20 W, Halogen bulb	6 V, 20 W, Halogen bulb	6 V, 20 W, Halogen bulb	6 V, 20 W, Halogen bulb	6 V, 20 W, Halogen bulb
			3 V, 5 W LED	3 V, 5 W LED	3 V, 5 W LED	3 V, 5 W LED
MOVEMENT RANGES						
Longitudinal (In/ out)	80 mm	80 mm	100 mm	100 mm	100 mm	100 mm
Lateral (Left/ right)	109 mm	109 mm	107 mm	107 mm	107 mm	107 mm
Vertical (Up/ down)	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm
Chin range	70 mm	70 mm	80 mm	80 mm	80 mm	80 mm
Table base size	545 mm × 365 mm	545 mm × 365 mm	545 mm × 365 mm	545 mm × 365 mm	545 mm × 365 mm	545 mm × 365 mm
Weight	25 kg (packed)	25 kg (packed)	28 kg (packed)	32 kg (packed)	28 kg (packed)	32 kg (packed)
Optional accessories	Tonometer mount, Tonometer, Beam Splitter with Camera, Imaging Software, Diffuser, Motorized Table		Motorized Table, Applanation Tonometer, HD Camera			

THIRD i CAMERA SPECIFICATIONS

Resolution	8 Mega pixel (3264 (H) × 2448 (V))	Lens focal length	50 mm
Sensor image area	6.18 mm × 5.85 mm	Beam splitter ratio	80/ 20
Frames per second	30	Foot switch	USB type switch for capturing images
Video recording resolution	1280 × 720	Power supply	USB BUS Power/ DC 5V, 150 mA ~ 240 mA
Video recording format	AVI	Supports	Windows 7/ 8/ 8.1/ 10
Still image format	JPEG	PC requirements	Minimum Dual Core 2.0 Ghz / 4 GB RAM, 500 GB Hard disk
Connectivity	USB 2.0	Monitor resolution	1366 × 768 minimum
Auto camera control support	AEC, AGC, AWB	Software	Works on i Capture software provided with the device
Compatibility	Device is compatible with Hawk-i slit lamps		

Information published in this catalogue is subject to change without notification



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Issue: 05-01/2020