



VSCOPE

Head Worn Microscope

12MM CONVERGED BINOCULAR OPTICS WITH
FULLY INTEGRATED SURGICAL QUALITY DIMMABLE LED ILLUMINATION

The Ultimate in Versatility

Made in Australia

VOROTEK
experience. knowledge. performance



- fine suturing - wound exploration - ENT requirements - front of eye procedures - operating headlight - mouth - dental injuries - eye - larynx - gynecology - intubation

VSCOPE

The Ultimate in Versatility

Ideal for procedures in narrow cavities & many other General Practice applications, the Vorotek V Scope is the ultimate in versatility. Using the same 12mm Converged Binocular Optics as the O Scope, the V Scope offers the added versatility of fully dimmable surgical quality illumination with edge-to-edge uniformity.

Converged Binocular Optics & Magnification

The Vorotek V Scope features converged binocular vision combined with 2 dioptre magnification. In the same way a microscope works, the Vorotek V Scope's optical pathway converges the eyes to just 12mm apart (Refer Fig. 1 below Right). This allows both eyes to reach the bottom of narrow cavities and deliver excellent depth perception. The result is consistently improved diagnosis and more effective instrumentation.

Surgical Quality LED Illumination

Vorotek's compound lens system and LED technology produces a brilliant **55,000 lux**. The field of illumination provides superior edge-to-edge uniformity across the entire field of view.

Dimmable LED illumination

The dimmer switch provides 8 evenly spaced levels of illumination (essential for eye procedures) with a clear LCD display.

Coaxial LED Illumination

The location of the brilliant LED illumination is as close to the visual pathway as possible, allowing shadow free illumination of the field of view.

Fully Integrated Design

The fully integrated design ensures the converged binoculars and illumination stay precisely aligned at all times.

Dual Function

The Integrated Converged Binoculars can easily be rotated in and out of use. Upward rotation of the Converged Binoculars allows uninterrupted vision, with or without headlight illumination.

Portable Power Supply

The high capacity Lithium Ion Power Pack (either belt or pocket worn), provides 7hrs to >20hrs "on time" depending on the illumination level.

Design Features

Head worn, light weight and hands-free emphasising simplicity, durability and comfort. Fully adjustable Interpupillary Distance (IPD)

V Scope Models

SpecFrame model Ideal for individual users. Prescription lenses can be fitted.

HeadBand model Ideal for shared use. Can be used over prescription glasses.

Designed For

General Practice, Emergency Medicine, Obstetrics & Gynaecology, Paramedics.



Figure 1. 12mm Converged Binocular Optical pathway.

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