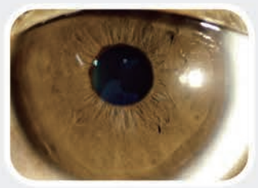
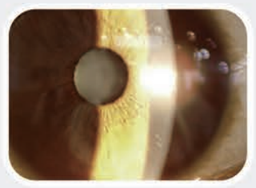
Digital Slit Lamp

The desktop/portable digital slit lamp developed and produced by Microclear, integrated with observation, digital imaging and video recording, is an optometry device used for high-definition imaging of the anterior segment(including eyelid, conjunctiva, cornea, iris, lens and anterior 1/3 of vitreous body). It is mainly used for real-time high-magnification observation, easy operation and comfortable experience for patients .The fast lens adjustment, light and portable body make it more easy to be applied in rapid screening, external diagnosis, observation of patients with mobility impairment and optometric mobility impairment, optometric clinical examnand remote medical treatment.

Hyperion
microclear





Features and Advantages

High definition, stable image quality pattern

◎ 10 times magnification, real-time dynamic display, clear and vivid image contribute to your accurate diagnosis

◎ Real-time video recording saving without any details missed

New optical system with wide field of view

◎ Professional optical design and clear field of view makes it suitable for anterior segment imaging

Easy operation Fast capture pattern

◎ Simple and smooth body, more humanized application and ergonomic design, committed to make the device functional, concise and practical; by a gentle click of the button, a clear image will be immediately captured

Big data service, a variety of image reading mode

◎ Three storage and saving modes: ① instant saving, built-in 16GB storage; ②exporting by USB and computer connection;③real-time transmission via WIFI, computer, mobile device and cloud, also with data analysis and software upgrade services

Light and convenient design,

the first choice for telediagnosis and mobile medical treatment

◎ 850g net weight, light and convenient, 6h continuous battery working time

Product Technical Parameters

Mode	HSL	Name	Digital slit lamp
Magnification	10X	Image format	JPEG
Working distance	80mm	Video format	3GP
Slit width	0-12mm continuously adjustable	Power supply	3.7V Lithium Battery
Aperture diameter	0.2mm,1mm,5mm,12mm	Data transfer	Mini USB / Wi-Fi / Bluetooth
Filter	Heat-absorption, Red-free, Cobalt blue	Storage	Internal 16GB
Image definition	16MP	Port	MicroUSB
Light source	White LED	Demension	140mm(W)×118(D)×225mm(H)
LED display	3.97 inch TFT-LCD	Power supply	850g

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