

ADVANTAGES OF ULTRA M SERIES SLIT LAMPS

Over 20 Years ago, Marco changed the boundaries of conventional slit lamp design and performance with the original Ultra Series. Today, the Ultra M Series introduces a new era of diagnostic empowerment. Marco has again established the latest standard in slit lamp examinations.



The complete Ultra M Series of slit lamps has been fully redesigned and engineered to accommodate and maximize the benefits of superior LED slit lamps. The new LED illumination, with a color temperature of 3500K, offers a brighter and sharper light. This allows greater visibility as well as increased clarity of anatomy and tissue structure.

A single element, high-luminance LED provides a beautifully consistent and uniform light compared to multiple element LEDs.

The patented integrated background illuminator (standard in Ultra M2, M4, and M5 models) optimizes slit lamp imaging. The color balance of an image is not lost or compromised when the same LED is used for the main light source and background illumination.

The intensity control of the background illumination is easily found and adjusted with a single, illuminated knob, conveniently placed adjacent to the joystick.

The peak of the characteristic blue band LED spectrum has been diminished with the blue LED correction filter. Ultra M series slit lamps are also equipped with blue and red-free light filters as well as a yellow filter on the M3, M4, and M5 models.

Our continuous pursuit to improve visibility of the fundus while simultaneously maintaining superior visibility of the anterior segment has resulted in the best, brightest, and sharpest optical quality in the Ultra M Series of slit lamps.

The aperture diameter of the slit length has been extended, from 10mm to 14mm (continuously variable from 0–14mm), allowing a wider area of anterior segment illumination and also a wider field of view.

The selection of component and intelligent control sizes, placement, and interface have been deliberately and carefully reimagined to address superior ergonomics and usability.

The patient fixation target is a red LED on a continuously flexible shrouded cable.

The Ultra M4 and M5 feature a large patient chinrest which is also an optional accessory for the Ultra M2. Patient grips provide superior comfort and positioning.

Ultra M slit lamps are pre-mounted on a single plate for facilitated set-up and stability. All visibly exposed cables have been eliminated. Even the power supply is fully concealed and the transformer is incorporated in the base-housing. The conventional power cable from the chinrest to the light housing is now neatly concealed within the slit lamp body, and background illumination has been built-in to the Ultra M2, M4, and M5 tower designs.

Ultra M slit lamps are neat and compact with no exposed wiring, giving them a noticeably sleek and stylish appearance. Contemporary and durable finishes have been selected both for lasting application and patient appeal.

WE'VE REIMAGINED BETTER... AND BEYOND

