Loupes expand vision

By Designs for Vision Staff

Designs for Vision has launched several new product lines this fall. Designs for Vision will be showing the new patented (U.S. pat. 8,928,975B2) 3.5x and Panoramic Loupes. According to the company, the Panoramic Field Loupes represent the most significant advancement in telescope design in more than 100 years.

The viewable areas are twice as large as prismatic expanded-field-designed loupes and up to five times greater than Galilean designed optics. Panoramic Field Loupes provide unprecedented field of view, clarity, definition and color, according to the company.

Designs for Vision is also featuring the REALITY 5 Star rated Micro 3.5EF Scopes and Micro 4.5EF Scopes, which use a revolutionary optical design that reduces the size of the prismatic telescope by 50 percent and reduces the weight by 40 percent while providing an expanded field of view of the oral cavity. The company also is introducing the Micro 3.0EF in its line of Micro Series Loupes. The Micro 3.0EF has a field of view of 100 mm and weighs less than 70 grams.

You can see the lightest 3.0x magnification with the new 3.0x Galilean loupes from Designs for Vision. The lightweight Galilean design enables users to step up in magnification while retaining a sharp 70 mm field of view.

Designs for Vision is also introducing patented (U.S. pat. 8,851,709 and RE46,463) hands-free infrared technology with the WireLess IR HDi™ and the Micro IR HDi headlights. These headlights feature HDi, Designs for Vision’s exclusive advanced photonic design that provides uniform light distribution with maximum intensity. This feature optically focuses the light from the LED to provide 45 percent more light with uniform distribution at 5,800° Kelvin, the ideal color temperature.

The patented IR feature enables improved infection control by letting practitioners operate the headlight without touching the system. The IR headlights use a built-in infrared signal to enable turning the light on or off simply and safely. Onboard biometrics sense the position of the headlight to filter out unintended signals while working.

Designs for Vision has added the High Definition Imaging to all of its headlights including the LED DayLite® WireLess™ IR and the LED DayLite Wireless Mini, providing a lightweight cordless solution with light intensity comparable to many corded headlights. You can choose High Definition Imaging with either a wired or wireless design to meet your preference, and any of the HDi headlights will illuminate the entire oral cavity.

Designs for Vision’s WireLess headlights free users from being tethered to a battery pack. The simple modular designs uncouple the headlights from a specific frame or single pair of loupes. Prior technology married a cordless light to one pair of loupes via a cumbersome integration of the batteries and electronics into the frame. The compact design of the LED DayLite WireLess headlights are independent of any frame/loupes.

The LED DayLite Micro HDi uses the new High Definition Imaging with a lightweight headlight in combination with the Micro power pack. The Micro power pack is the lightest and smallest power pack. The complete unit includes two power packs, and each power pack can run up to 10 hours.

You can see the Visible Difference® yourself by visiting Designs for Vision’s booths, No. 1813, No. 2012 and No. 4307, at the Greater New York Dental Meeting and in booth No. 808 at the AAOMS meeting in Chicago. Or, to arrange a visit in your office, call (800) 345-4009 or send an email to info@dvimail.com.