INTRODUCING

STATE-OF-THE-ART TECHNOLOGY

UNIVERSAL

EASE OF USE

= satisfaction²
Redefining Excimer Laser Technology

Discover the latest evolution of our excimer laser technology, the TECHNOLAS® TENEO™ 317 Model 2 (M²).

Meticulously designed by our expert German engineering team at Technolas Perfect Vision GmbH, the TENEO™ 317 M² encapsulates:

+ PERFORMANCE
+ EFFICIENCY
+ AND EASE OF USE.

1. Data on file - based on latest product information at time of printing.

STEPS FOR TREATMENT

1. Select patient
2. Choose and confirm treatment
3. Treat

FULL CONTROL AT YOUR FINGERTIPS

ERGONOMICALLY DESIGNED FOR PATIENT COMFORT

The TENEO™ 317 M² features a 60° swivelling patient bed.

Ergonomically designed with contours following the natural shape of the spine and a wide mattress to suit all patient sizes, it provides an optimised patient head position during surgery.

The open feeling around the laser and the quiet performance of the plume evacuator are designed to provide the patient with a reassuring sense of space and calm.

ERGONOMICALLY DESIGNED FOR YOU AND YOUR CLINIC

The TENEO™ 317 M² is one of the smallest lasers on the market¹ (with bed: 2.72 m², without bed: 0.63 m²).

Features such as the swivelling microscope, the ergonomic, flexible joystick and the touchscreen control at the monitor all contribute to an enhanced ergonomic experience.

The additional multiple access points for the bed operation and multi-functional options on the GUI all help your team to work efficiently during patient treatment.

2.72 m² (with bed)
0.63 m² (without bed)

¹ Data on file - based on latest product information at time of printing.
The TRUE TREATMENT TIMES achieved by an excimer laser are influenced by a number of factors which are all interrelated: laser pulse repetition rate, pulse distribution, laser energy fluence and plume evacuation.

Our engineers have fine-tuned the ratio of these factors to achieve a significant reduction in treatment time, our fastest treatment time yet. The TENEO™ 317 M² can now treat at 1 s/D.*

We’ve maintained a GENTLE laser treatment delivery approach with our truncated Gaussian, 1 mm low soft spot, smooth ablation profile.

Precision Engineering for Optimised Performance

EASE OF USE + HIGH-SPEED PERFORMANCE = EFFICIENT WORKFLOW

* Based upon calculations using an Optical Zone of 6 mm and a standard myopic treatment (PROSCAN ECO mode).

The new TENEO™ 317 Model 2 is extremely fast, with most of our treatments lasting between 3-5 seconds, so that, in my hands, the surgical experience for the patient is very positive.

Dr JORGE CASTANERA
Instituto Castanera, Barcelona, Spain

After more than 20 years of practise in laser refractive surgery, I have never felt more confident in my results than with the new TENEO™ 317 Model 2.

Dr PIERRE LEVY
Clinique de la Vision, Montpellier, France
3X Control
Eyetracker Engineering

A leading multidimensional high-speed eyetracker technology in the ophthalmic industry.

**X/Y/Z MOVEMENTS**
+ Static cyclotorsion
+ Dynamic rotational tracking
+ Pupil shift compensation

**IRIS RECOGNITION**
+ Astigmatism
+ K + Q Values
+ HOAs

**DIGITAL COAXIAL CAMERA**
+ Pupil Centration
+ Pupil Shift
+ Limbus detection

---

**HIGH SPEED EYETRACKER**
1,740 Hz

We have industry leading eyetracker technology. Our eyetracker operates at 1,740 Hz, more than 3 times the speed of the laser’s repetition rate. The multidimensional, high-speed eyetracker features contrast optimised IR-Illumination and digital coaxial camera for real-time active z-tracking.

---

**ILLUMINATION & VISUALISATION**
The TENEO™ 317 M2 features enhanced illumination options and visualisation options on the ring illumination of the plume evacuation unit, the slit lamp and the microscope mirror. This provides an optimised view of the surgical field.

---

**ADVANCED MICROSCOPE TECHNOLOGY**
The state-of-the-art 360° microscope features additional functionality combined with its easily adjustable working positions; five magnification settings, as well, as a booster of 50% at all settings (2.5x, 4x, 6.5x, 10x, 16x (+ 0.5x)). Magnification adjustment options can also be made via the GUI.
**ALL Patients Ages**

**Premium Procedures for ALL Patients**

An advanced range of treatments are available on the TECHNOLAS® TENE™ 317 M², accommodating all patient indications and ages. Our three treatment categories enable a straightforward but individualised patient treatment approach.

**/PROSCAN* THE VERSATILE PROCEDURE**

The PROSCAN procedure is suitable for a wide ranging patient age. The aspheric treatment algorithm helps to maintain the preoperative shape of the cornea, with no clinically significant increase of induced spherical aberrations.2

**/ZYOPTIX HD* THE WAVEFRONT-BASED PERSONALISED PROCEDURE**

With over 17 years of experience in wavefront guided algorithms, the ZYOPTIX algorithm is a clinically proven personalised procedure.4,5,6 The ZYOPTIX HD treatment provides an advanced treatment of pre-existing Higher Order Aberrations (HOA), whilst minimising induced spherical aberration.7

Our wavefront-based personalised procedure is a fully automated, integrated diagnostic treatment. Objective refractive data from the ZDW is directly transferred to the TENE™ 317 M² to pilot the laser with ease.

**/SUPRACOR™ THE TRUE VARIFOCAL LASIK PROCEDURE FOR PRESBYOPIES**

Available since 2011, SUPRACOR™ procedures on TENE™ systems are now performed in over 30 countries worldwide. Its unique varifocal treatment has been designed to improve near and intermediate vision, while preserving distance vision.8 The procedure can be performed bilaterally, allowing for enhancements, retreatments and the possible reversal of the presbyopic treatment.9

**EXPAND YOUR PRACTICE WITH SUPRACOR™**

The SUPRACOR™ procedure meets the growing demand of presbyopic patients looking for improved quality of vision without glasses for most daily activities. SUPRACOR™ can bring additional patients to your practice who are looking for a LASIK solution to their reduced visual quality. Suitable for a broad range of hyperopes and myopes, as well as early presbyopes.

**FOR YOUR PRACTICE**

A patient centred approach adaptable for your patients’ needs.

---

2. Data on file B+L #441 Study - A Multi-Center, Prospective, Subject-Masked, Bilateral, Randomised, Controlled trial to Compare the Safety and Effectiveness of Two Versions of the Bausch & Lomb Zyoptix™ Tissue Saving Aspheric Algorithm to the Current Zyoptix™ Tissue Saving Algorithm When Used for Myopic and Myopic Astigmatism LASIK Treatment.


The Bausch + Lomb team is uniquely positioned to deliver a complete refractive solution for your surgical practice. We have the expertise to provide you and your patients with customised, precise, premium procedures to meet your expectations. Our service and support has a global reach, through the highly trained network of skilled engineers, service and application specialists. We also have a dedicated Centre of Excellence at our Munich facility which provides specialised training to surgeons and clinic staff on our femtosecond and excimer lasers and diagnostic platform.

With our expertise, we can help your practice grow by maximising productivity with our refractive platform and streamlined workflow, to work effectively and efficiently whilst providing quality of care.
Contact your Bausch + Lomb representative to learn more about TECHNOLAS® TENEO™ 317 MODEL 2.

Design and specifications are subject to change without prior notice as a result of ongoing technical development. The TECHNOLAS® TENEO™ 317 MODEL 2 Excimer Laser is CE Marked. Indications and approvals may vary by country, including Canada. Please contact our regional representative regarding individual availability in your respective market.

TECHNOLAS, TENEO are trademarks of Bausch & Lomb Incorporated or its affiliates. Ref: BL INTSURG_TENEO_0618.

© 2018 Bausch + Lomb Incorporated. All rights reserved.

TECHNOLAS Perfect Vision GmbH – A Bausch + Lomb Company. Messerschmittstr. 1+3, Munich, Germany.


INVISIBLE LASER RADIATION! AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION

Wavelength: 193 nm
Pulse duration: 5 - 11 ns
Maximum pulse frequency: 512 Hz
Maximum output energy: 192 mJ

CLASS 4 LASER PRODUCT IEC 60825-1:2014

© Shutterstock - AdobeStock