

SCHWIND AMARIS® Product Family

AMARIS® 750S

Laser Parameters	
Repetition rate	750 Hz
Intelligent Thermal Effect Control	✓
0.54 mm beam size, Super-Gaussian profile (FWHM)	✓
Beam delivery – flying spot with Automatic Fluence Level Adjustment	✓
Eye Tracking Features	
1050 Hz sampling rate	✓
Latency time of laser system	3ms
Pupil and limbus tracking: Pupil Centroid Shift Compensation, Automatic Pupil Size Control	✓
Eye Tracking Dimensions	
1 st and 2 nd dimensions: Compensation of lateral movements	✓
3 rd and 4 th dimensions: Rolling balance	✓
5 th dimension: Advanced Cyclotorsion Control – static / dynamic (option)	✓
6 th dimension: Z-tracking (option)	✓
7 th dimension: Latency-Free Tracking (option)	-
SCHWIND CAM Software	
ORK-CAM module: Refractive treatment	✓
PresbyMAX module: Presbyopia treatment (per procedure fee)	✓
PALK-CAM module: Therapeutic treatment (per procedure fee)	✓
PTK-CAM module: Therapeutic treatment	✓
Ergonomics	
90° swivelling laser arm	✓
Up to 90° swivelling patient bed (optional motor drive)	✓
Panel PC – touch screen monitor, pivotable on 2 axes, additional dot-matrix display, washable keyboard with integrated touchpad	✓
Working distance of 235 mm	✓
Further Features	
Online pachymetry (option)	✓
Particle aspiration system with unique airflow design	✓
Diagnostic slit lamp – swivelling on 2 axes, 4 selectable diaphragms (option)	✓
SCHWIND CXL-365 vario for corneal collagen crosslinking (option)	✓
Video system (option)	✓
Cross laser for patient adjustment (option)	✓
SCHWIND MEDNET network solution (option)	✓

Compliance: CE conformity in accordance with Medical Device Directive (MDD) 93/42/EEC

Optimum functionality, reliability and compliance with all legal regulations can only be assured through the use of products supplied by SCHWIND – whether as single items or as a combined system.

Check your local distributor for products available in your region.