Specifications

ALINO® is not available in every country.

REFRACTIVE POWER MEASUREMENT	
Spherical refractive power (S)	-30.00 D to +25.00 D (at VD = 12.0 mm)
Cylindrical power (C)	0.00 D to ±12.50 D (at VD = 12.0 mm)
Astigmatic axis (A)	0° to 180°
Minimum pupil diameter	ø 2.0 mm
KERATOMETRY MEASUREMENT	
Corneal curvature radius	5.00 mm to 13.00 mm
Corneal astigmatic axis	0° to 180°
INTRAOCULAR PRESSURE MEASUREMENT	
Measurement range	1 mmHg to 60 mmHg (1 hPa to 80 hPa)
PACHYMETRY MEASUREMENT	
Measurement range	300 µm to 800 µm
TOPOGRAPHY MEASUREMENT	
Corneal curvature radius	5.50 mm to 10.00 mm
Corneal astigmatic axis	0° to 180°
AUXILIARY FUNCTION	
Interpupillary distance	Measurement range: 20 mm to 85 mm
Corneal diameter and pupil diameter	Measurement range: 1.00 mm to 14.00 mm
Ocular surface observation app	Blink analysis, Tear meniscus height, hyperemia, meibomian glands, tear stability analysis system (TSAS, optional)

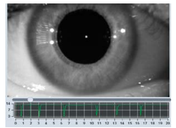
DATA MANAGEMENT	
Internal database	Integrated SD card
Printer	Integrated thermal printer
Data output type	3× USB 2.0, 1× LAN, 1× SD card slot, 1× WLAN
Export format	CSV, XML, JPG, PDF, DCM
DIMENSIONS & ELECTRICAL REQUIREMENTS	
Dimensions WDH	312 × 491 × 450 mm
Weight	Approx. 23 kg
Voltage	100 VAC to 240 VAC
Frequency	50/60 Hz
Power consumption	110 VA

RODENSTOCK Instruments
Wiesbadener Strasse 21
90427 Nuremberg, Germany
Phone +49 (0)911 938 546 2777
info@rodenstock-instruments.de
www.rodenstock-instruments.de

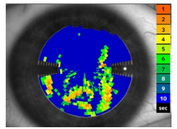
RODENSTOCK Instruments is a business unit of TOMEY GmbH

Ocular surface observation app

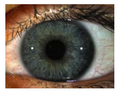
The combination of several examinations provides a detailed impression of the client's ocular surface. Observe the blink frequency, tear meniscus height, hyperemia, meibomian glands, and tear stability (TSAS, optional) using just one examination device.



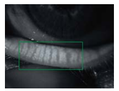
Blink frequency



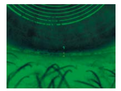
Tear stability analysis system (optional)



Hyperemia

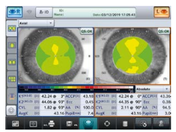


Meibomian glands

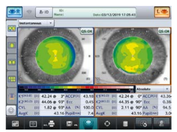


Tear meniscus height

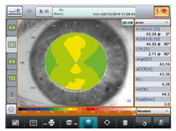
Topography analysis: Map type examples



Dual map axial



Dual map instantaneous



Single map



Fourier analysis

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RODENSTOCK Instruments



Making analysis fashionable

ALINO®

Multifunction Unit

RODENSTOCK

The ALINO®: Tune up your business



> The ALINO® makes my daily work run much smoother! More benefits for my consumers and less effort for me!

What are your benefits?

5 + 1 combination
Impress your customers with this multifunction device

Time-saving
Auto alignment and auto measurement

Less space
Optimise your space utilisation

Generate **regular additional sales** and retain customers for the long-term

More efficient
Higher customer circulation = more frequent customer visits

Cost reduction
The combination of all product features reduces your investment while providing added value



ALINO® simplifies your workflow.



Multifunctional solution

Refraction

Having a good starting value for subjective refraction is essential. The QUICK REF MODE supports this even for uncooperative patients.

Keratometry

KAI (Kerato-asymmetry index) and KRI (Kerato-regularity index) provide the first hint of possible irregularities on the cornea. This helps you determine the optimal vision correction or best-fitting contact lens.

Tonometry

Thanks to the very gentle air puff created by a modern air-flow technology, clients are more likely to come for a regular IOP check-up.



Ocular surface observation app

Observe the customers' eye health and evaluate their long-term tolerance of contact lenses.

Topography

Various topographic maps support you in performing vision screenings, contact lens fittings, and patient education.

Pachymetry

Correcting the IOP by measuring the central corneal thickness is essential for interpreting the intraocular pressure.

Take advantage of a combination of tests:

Additional services
Tonometry + Pachymetry

Contact lens fitting and tolerance control
Keratometry + Topography
+ Ocular surface observation app

Eye healthcare
Topography + Tonometry + Pachymetry
+ Ocular surface observation app



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