

RODENSTOCK Instruments



Making analysis
fashionable

ALINO[®]

Multifunction Unit

R RODENSTOCK

The ALINO®: Tune up your business



Photo: © www.istockphoto.com/Peopleimages

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

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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.



Dry Eye 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
+ Dry Eye observation app

Eye healthcare

Topography + Tonometry + Pachymetry
+ Dry Eye observation app



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	∅ 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)
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PACHYMETRY MEASUREMENT

Measurement range	300 µm to 800 µm
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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
Dry Eye observation	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

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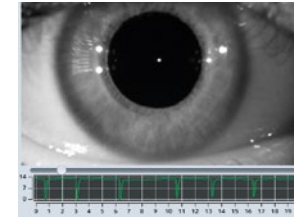
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business unit of TOMEY GmbH



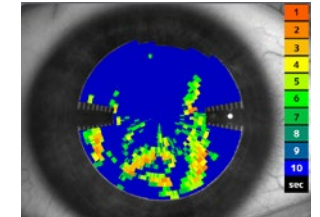
2024/05 – subject to change without notice

Dry Eye observation app

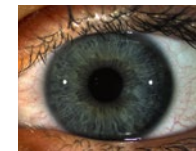
The combination of several examinations provides a detailed impression of the client's ocular surface. Observe the blink frequency, tear meniscus height, hyperemia, meibomian glands, and tear stability (TSAS, optional) using just one examination device.



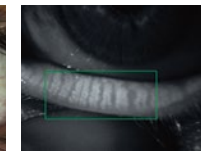
Blink frequency



Tear stability analysis system
(optional)



Hyperemia



Meibomian glands

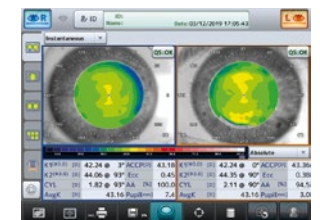


Tear meniscus height

Topography analysis: Map type examples



Dual map axial



Dual map instantaneous



Single map



Fourier analysis