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## **RODENSTOCK ALINO Multifunction Diagnostic Station (New)**

- New,
- Made in Germany,
- Product advantages and features:
  - Large color display,
  - Integrated printer,
  - Simple operation,
  - Modern and precise technological solutions,
  - Fast and precise measurement,
  - Refraction (A good initial subjective refraction value is essential. FAST REFRACTION MODE works well even with uncooperative patients)
  - Keratometry KAI (kerato asymmetry index) and KRI (kerato regularity index) give a first indication of possible abnormalities on the cornea. This helps in evaluating the best vision correction or best-fitting contact lens),
  - Topography (Various topographic maps help conduct eye exams, select contact lenses and educate patients),
  - Tonometry (A very gentle blast of air created by a new generation of airflow technology means patients are more willing to accept the need for regular IOP measurement checks),
  - Pachymetry (Correcting IOP by measuring central corneal thickness is essential for interpreting intraocular pressure),
  - Dry eye analysis (Observe clients' eye health and assess long-term contact lens tolerance),
  - Innovative solutions,
  - Comfortable during the examination - takes a series of measurements in no time,
- Technical data:
  - REFRACTOMETRY:
    - Measurement range (spherical):
      - Measurement range: -30.00 D to +25.00 D (at VD = 12.0 mm),
    - Measuring range (cylindrical):
      - Measurement range: 0 D to  $\pm 12.50$  D (at VD = 12.0 mm),
    - Axial astigmatism (A):
      - Measurement range: 0° to 180°,
  - KERATOMETRY:
    - Radius of curvature:
      - Measurement range: 5.0 to 13.0 mm,
    - Corneal astigmatic axis:
      - Measurement range: 0° to 180°,
  - INTRAOCULAR PRESSURE MEASUREMENT:
    - Measurement range: 1 mmHg to 60 mmHG (1 hPa to 80 hPa),
  - PACHYMETRY MEASUREMENT:
    - Measurement range: 300  $\mu$ m to 800  $\mu$ m,
  - TOPOGRAPHIC MEASUREMENT:
    - Corneal radius of curvature: 5.50 mm to 10.00 mm,
    - Astigmatic axis of the cornea: 0° to 180°,
  - AUXILIARY FUNCTION:
    - Pupil distance: Measuring range: 20 mm to 85 mm,
    - Corneal diameter and pupil diameter: Measuring range: 1.00 mm to 14.00 mm,
    - Dry eye observation: Blink analysis, tear meniscus height, congestion, Meibom's glands,
  - DATA MANAGEMENT:
    - Internal database; Integrated SD card,
    - Printer: Integrated thermal printer,
    - Output data type: 3x USB 2.0, 1x LAN, 1x SD card slot, 1x WLAN,
    - Export format: CSV, XML, JPG, PDF,
  - Dimensions and electrical requirements:
    - WDH dimensions: 312 x 491 x 450 mm,
    - Weight: approx. 23.0 kg,
    - Power supply: 100 V AC to 240 V AC,
    - Frequency: 50/60 Hz,
    - Power consumption: 110 VA,
- Has a current Technical Passport issued,
- Warranty 12 months,

