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**RODENSTOCK CX 2000 Autorefractometer with keratometer (New)**

- New,
- Made in Germany,
- Product advantages and features:
  - Fully automatic measurement,
  - Innovative solutions,
  - Keratometry measurement,
  - Measurement of pupil and corneal diameter,
  - Automatic centering,
  - Precise measurement,
  - Electrically lifted chin,
  - Integrated printer,
  - Simple operation,
  - Modern and precise technological solutions,
  - Extremely fast,
  - Innovative joystick,
  - Color precise touch screen display,
- Technical data:
- Refractive power measurement:
- CYLINDRICAL REFRACTIVE CAPACITY (C):
- AXIAL ASTIGMATISM (A):
- Corneal measurement:
- Pupil distance measurement:
- Automatic alignment range:
- Main unit:
- Moving part:
- Chin:
- Data output type: RS 232 c
- Display: 5.7" TFT,
- Dimensions and electrical requirements:
  - Spherical (SPH): -25.00 D to +22.00 D (at VD = 12.0 mm),
  - Cylindrical (CYL): 0 D to ±10.00 D (at VD = 12.0 mm),
  - Graduations shown: 0.01 D, 0.12 D, 0.25 D,
  - Measuring range: 0 D to ±10.00 D (at VD=12.0 mm),
  - Graduations shown: 0.01 D, 0.12 D, 0.25 D,
  - Asti. axial angle (AXIS): 0° to 180,
  - Asti. Measurement step: 1°,
  - Minimum pupil Ø: 2.2 mm,
  - Apex distance: 0 mm - 16.0 mm,
  - Measurement time: 0.2 s / one eye (data acquisition time),
  - Curvature (K1, K2, AVG): 5.00 mm to 11.00 mm,
  - Measurement step: 0.01 mm,
  - Refractive power (K1, K2, AVG): 30.68 D to 67.50 D (n = 1.3375),
  - Astigmatism (CYL): 0 D to 10 D (n=1.3375),
  - Measurement step: 0.01 D,
  - Asti. axial angle (AXIS): 0 ° to 180 °,
  - Asti. Measurement step: 1°,
  - Cornea ø: 3.0 mm / 6.0 mm (at 8.00 mm corneal curvature),
  - Measurement time: 0.1 seconds / one eye (data acquisition time),
  - Measuring range: 50 to 86 mm,
  - Measuring step: 1 mm,
  - Corneal and pupil diameter measurement:
  - Measuring range: 1 to 14 mm,
  - Measuring step: 0.1 mm,
  - Observation range: approx. 15 mm × 9 mm,
  - Top down / left right
  - Direction: 7 mm,
  - Focusing direction: 5 mm,
  - Built-in printer: thermal printer,
  - Range of motion:
    - Front to back: 40 mm,
    - Left-right: 88 mm,
    - Top-bottom: 50 mm,
  - Movable range: 70 mm,
  - Dimensions (WxDxH): 300 × 493 × 466 mm,
  - Weight: approximately 19 kg,
  - Power supply: 100 V AC to 240 V AC,
  - Frequency 50/60 Hz,
  - Power consumption: 130 VA to 150 VA,
- Has a current Technical Passport issued,
- Warranty 12 months,