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Rodenstock REM 4000 Endothelial microscope (New)

- New,
- Made in Germany,
- Product advantages and features:
 - 13 measuring areas,
 - Automatic alignment + automatic measurement,
 - Integrated non-contact pachymetry,
 - Analysis of dark areas,
 - Integrated database,
 - L-count analysis,
- Specifications:
 - General:
 - Image resolution: 480 (V) x 180 (H) pixels,
 - Capture range: 0.25 x 0.54 mm,
 - 1 center + 12 peripheral measurements: 13 x fixation points,
 - Minimum cell resolution: 1.14 µm (V) x 1.45 µm (H),
 - Optical magnification: x 220,
 - Display: 10.4-inch color LCD,
 - Display resolution: 1.14 µm,
 - Measurements:
 - Automatic alignment: yes,
 - Automatic measurement: yes,
 - Manual mode (1 and 2): yes,
 - Measurement functions:
 - Automatic study capture: 16 images for analysis,
 - Number of cells analyzed: More than 300 cells,
 - Position capture: Center + 12 peripheral points,
 - Analysis method: Automatic analysis, L-count, core method, dark area analysis,
 - Analysis values:
 - CD (cell density),
 - AVG (average cell area),
 - SD (standard deviation of cell area),
 - CV (coefficient of variation of cell area), Cell size (max + min cell area).
 - Moving section strokes:
 - (X axis): 88 mm,
 - (Y axis): 40 mm,
 - (Z axis): 50 mm,
 - Electric chin stroke: 70 mm,
 - Pachymetry measurement accuracy: +/- 10 µm,
 - OPERATING ENVIRONMENT:
 - Temperature: +10° to +40°,
 - Humidity: 30% to 75%,
 - Atmospheric pressure: 800 to 1060 hPa,
 - Standards used: MDD Annex ii, iSo 13485,
 - DATA MANAGEMENT:
 - Built-in printer: Thermal printer,
 - Internal database: SD card,
 - Data output: USB-H, USB-D, LAN,
 - DIMENSIONS AND ELECTRICAL REQUIREMENTS:
 - WDH dimensions: 309 x 491 x 450 mm,
 - Weight: Approximately 22 kg,
 - Power supply: 100 V AC to 240 V AC,
 - Frequency 50/60 Hz,
 - Power consumption: 100 VA,
- Has a current Technical Passport issued,
- Warranty 12 months,
- Possibility of financing (Poland only): Installments, Leasing, Loan,

