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TOPCON 3D OCT-2000 OCT Unit (Reconditioned)

- Reconditioned (used),
- Technical condition: very good,
- Visual condition: very good,
- **Real photos of the product,**
- Made in Japan, (2013),
- Power supply: 230 V,
- Frequency: 50/60 Hz,
- Power: 200 VA (max. 400 VA),
- Software: 3D OCT - version 8.40,
- **TOPCON 3D-OCT 2000** combines a funduscamera generating high-quality color images with a state-of-the-art optical spectral tomography OCT,
- The high scanning speed (50,000 A-scans/s), and high resolution (5µm) allow building spatial images of the examined tissues on which even the smallest changes can be observed,
- Thanks to noise-reducing algorithms and Infrared/3D tracking technology, OCT sections perfectly illustrate the structure of the vitreous body and retina,
- The device provides a variety of tools that allow segmentation and extraction of layers, cropping, smoothing, and moving them,
- The PinPoint Registration function allows the operator to mark the finest details in the area of the taken fundus image and observe them in the OCT presentation on 2D and 3D scans or thickness maps,
- A built-in fundus camera with a high-quality digital camera (16.2 Mpx) complements OCT diagnostics, allowing to visualize the eye structure in detail and revealing any pathological changes,
- A variety of analytical functions combined with color photography and 3D OCT imaging enable imaging and analysis of the cornea and anterior segment of the eye,
- Diagnostic tools are complemented by such functions as distance measurement, curvature measurement, and measurement of the isthmic angle,
- **TOPCON 3D OCT-2000 Technical Specifications:**
 - Light source: SLD,
 - Wavelength: 840 nm,
 - Retinal scanning field /distance: 45°,
 - Axial resolution: 5; 6 µm,
 - Transverse resolution: 20 µm,
 - Max. scanning depth: 2.3 mm,
 - Integration with funduscamera,
 - Ability to analyze structures of the anterior segment of the eye,
 - Visualization of a cross-section through a selected section of the fundus of the eye,
 - 3D visualization,
 - Wide scan of 12 x 9 mm,
 - Built-in fixation point,
- **The tomograph is equipped with:**
 - **NIKON D7000 camera:**
 - Resolution: 12.1 Mp,
 - **DX format:**
 - 2784 x 1848 px,
 - 2080 x 1384 px,
 - 1382 x 920 px,
 - Sensor:CMOS 36 x 23.9 mm (FX),
 - **PC:**
 - Operating System:Windows 10 PRO,
 - RAM: 8 GB,
 - Disk: 1024 GB,
 - Processor: i7-2600 Mhz,
 - **New HP Smart Tank 581 printer,**
- Instrumentation placed on a mobile **SKF ACTUATION SYSTEM** table with electric adjustment from 57 - 86 cm,
- **Ability to select any language in Windows,**
- **OTC 8.40 system in language: English,**
- **Included:**
 - Power cord,
 - Fixation point,
 - Wired keyboard,
 - Wired mouse,
 - Dedicated protective rubber for the lens,
 - Monitor,
- Overall dimensions: 100 x 70 x 127/156 cm,
- Weight: 100 KG,
- **Has a current inspection and is ready for operation,**
- **Issued Technical Passport (Service Report) valid for a period of 12 months,**
- **Warranty:**
 - **6-months for domestic market (Poland),**
 - **3-months for the international market,**
 - **Possibility to extend the warranty up to 12-months for domestic and international market for a surcharge,**
- Financing options (Poland only): Installments, Leasing, Loan,

If you have any questions, please do not hesitate to contact us!

In case you don't find the product you are interested in, please get in touch with us and we will do our best to find the perfect solution for YOU.

