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## **TOPCON 3D OCT-2000 FA Plus OCT Unit (Reconditioned)**

- Reconditioned (used),
- Technical condition: very good,
- Visual condition: very good,
- Real photos of the product,
- Made in Japan, (2012),
- Power supply: 230 V,
- Frequency: 50/60 Hz,
- Power: 200 VA (max. 400 VA),
- TOPCON 3D-OCT 2000 combines a fundus camera generating high-quality color images with a state-of-the-art optical spectral tomography OCT scanner,
- 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,
- Various 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 seepage angle,
- The device's menu in English, Japanese,
- Parameters:
  - Light source: SLD,
  - Wavelength: 840 nm,
  - Retinal scanning field /scope: 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,
- Features:
  - FastMap™ software enables simultaneous dynamic viewing of 2D, 3D and fundus images,
  - Built-in touch screen for quick and easy navigation,
  - Automated image acquisition process (autofocus, auto-shoot),
  - Historical patient data from Stratus® OCT and 3D OCT-1000 can be easily imported, analyzed and reviewed,
  - The 2-in-1 system takes up little space and is economical,
  - Connected diagnostics with PinPoint™ registration of OCT images in fundus images,
  - Comparison function allows serial monitoring of OCT images,
- The tomograph is equipped with a NIKON D7000 camera:
  - Used, very good technical condition,
  - Sensor:
    - CMOS, 23.1 x 15.4 mm (DX format),
    - Conversion rate x 1.5,
    - 16.2 effective megapixels,
    - Built-in sensor cleaning system,
  - Memory: SD/SDHC/SDXC, Two slots,
  - LCD screen:
    - Diagonal: 3",
    - 920K dots,
    - Viewing angle: 170°,
    - Low-temperature, polysilicon LCD screen with TFT technology,
    - Adjustable display brightness,
  - Equipped with:
    - Nikon AS-15 flash adapter,
    - Adapter for Nikon EP-5 power supply,
- Included:
  - PC:
    - Used, technical condition very good,
    - Power supply: 230 V,
    - Frequency: 50/60 Hz,
    - Windows 10 Pro software,
    - Intel Core i7-3770 3.4 Ghz processor,
    - Ram: 8.00 GB,
  - LG LED Monitor:
    - Diagonal: 21.5 ",
    - Resolution: 1920 x 1080,
    - Contrast ratio: 5,000,000:1,
    - Response: 5 ms,
    - Mouse + keyboard,
    - EPSON EcoTank L1210 color printer,
  - SKF Actuation System Table:
    - Mobile on 4 casters (2 braking),
    - Infinite electric height adjustment in the range: 60 - 88 cm,
- Includes:
  - Fiscal point,
  - Power cord,
  - Power cord and USB cable for printer,
  - Overlay for examining the anterior segment of the eye,
- Dimensions:
  - Unit: 54 x 69 x 49 cm,
  - Overall: 95 x 140/180 x 56 cm,
- Weight of the set: 100 kg,
- Has up-to-date inspection and is ready for operation,
- Issued Technical Passport (Service Report) valid for 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.

