

SINCE
1993

ECHOSON
ULTRASOUND SCANNERS



BIOMETRIC SCANNERS **PIROP** | G-SCAN



G-SCAN

SOFT TISSUE BIOMETRICS

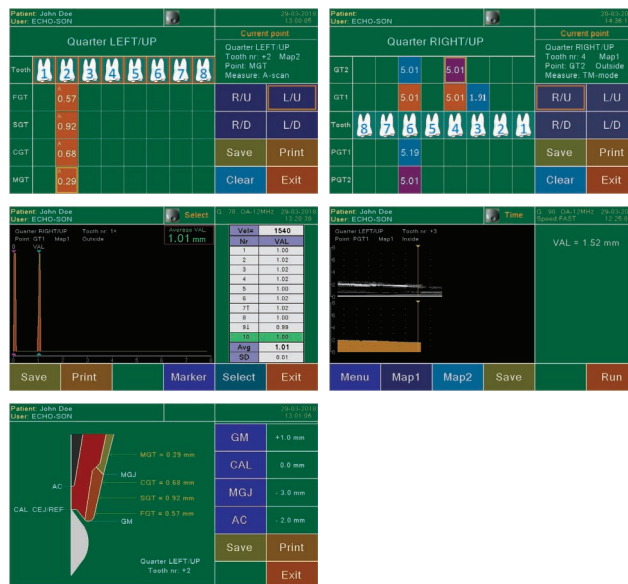


FEATURES:

- In-point, automatic measurement with automatic averaging and calculation of standard deviation
- Non-invasive thickness measurement via contact method
- A-scan and unique time-motion measurement modes for quick estimation of the thickness for the region of interest
- Sophisticated algorithm for the accuracy improvement
- High frequency measurement cycles
- Memory for 256 measuring points
- 8 predefined maps of periodontal areas
- 32 cross sections of the examined dento-gingival unit

SPECIFICATIONS:

- probe frequency: 20 MHz
- velocity range: 1400–2000 m/s
- measurement range: 0.25–6 mm
- axial resolution 0.01 mm (10 µm)



GENERAL PROPERTIES:

- Touch Screen
 - easy, ergonomic and user-friendly operation via displayed menu
 - virtual keyboard for entering patient data, etc.
- Color LCD 7" display, 800×480
- Ten (10) user profiles
- Internal patient's database
- Images archiving in internal memory and USB memory
- Internal thermal small printer
- Composite-video output PAL
- Trolley – option
- External printer – option
- Easy firmware upgrade via USB memory

POWER SUPPLY:

- Power supply from external AC/DC power adapter:
 - input: 100–230V AC 50/60Hz / max 0.7A
 - output: +12V DC / 2 A
- Power consumption (12 DC supply) – ca 12W

WEIGHT AND DIMENSIONS:

- Weight (with built-in printer): 1.5 kg
- Dimensions (with built-in printer): 290 x 205 x 85 mm



ECHOSON



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