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
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