**Features:**

Multi-application: abdomen, OB/GYN, vagina, small parts, urology, peripheral vessels, Cardiac, rectum, pediatric, biopsy \* High-precision DBF \* Windows XP O/S \* Multi-frequency transducer series \* Max frequency up to 10MHz \* Supportive of all PC printers and video printers \* SRI (Speckle Reduction Imaging)

**Standard configurations:** TH-280Pro main unit15" high resolution non-interlaced LCD monitor, special for medical imagingTwo transducer connectorsTHISRIMax. 512-frame cine loop320G HDDDICOM3.0Two USB portsMeasurement & calculation software packagesEnglish, Spanish, French interfaceElectronic convex array transducer: CA3.5MHz/R50 (2.5/3.5/4.0/5.5MHz)

**Options:** Electronic linear array transducer: LA7.5MHz/L40 (5.0/6.0/7.5/10.0MHz)Electronic

endocavity transducer: EV6.5MHz/R10 (5.0/5.7/6.5/8.0MHz)Electronic micro-convex array transducer: CA3.5MHz/R20 (2.5/3.0/3.5/4.0/4.5MHz)FootswitchNeedle-guided bracketsDVD-R/W

**Technical Specifications: General Descriptions:** Imaging mode: B, B+B, B+M, M,Gray scale: 256

Display: 14″ non-interlaced Transducer frequency: 2.0 ~ 10MHz Transducer connector: 2 Beam

Forming: DBF (Digital Beam-forming) DFS (Dynamic Frequency Scan) ATF（Adjustable 4 Bands Transmitting Focusing） DRF (Dynamic Receiving Focusing) WAT (Wide Aperture Technology)

RDA (Real-time Dynamic Aperture) Scanning angle (°) : >70 degree Scanning depth (mm) : 24 cm

**Image Processing:** Pre-processing: 8-segment TGCgross gaindynamic range (≥120db)Pre Gray

Smooth acoustic power adjustment Focus number setting Post-processing: edge enhancement frame correlation γ-correction contrast brightness black-white reverse left-right reverse up-down

Reverse

**Functions:**

Cine loop: 512-frame cine loop memory Storage media: 320GB HDD, USB, DVD-R/W Zoom: Real-time partial zoom (11 levels)

**Measurement & Calculation’**s:-mode: distance, circumference, area, volume, angle, residual urine

Volume, histogram, profile M-mode: distance, time, and velocity, heart rate Software packages: abdomen, gynecology, obstetrics, cardiology, small parts, Peripheral vessels, orthopedics, and urology

**Others:** Peripheral port: video output 2USB port 2DICOM3.0 1 (option)

**Power supply:** 220V±22% 50Hz±1Hz

**Net weight:** 53Kg

**NOTE: specifications subject to change without prior notice**

 **Teknova Medical Systems Limited**

 **Address: 2/F, 2A Synthesis Building,**

 **29 Shangdi East Road, Haidian, Beijing,**

 **100085 China**

 **Homepage: http://www.teknova.cn**