

System Description

The DP-30Vet is intended for use in abdomen, thoracic, cardiac, tendon, small parts, eyeball, reproductive system and urology for animals such as dog, cat, equine, bovine and ovine.

General Specification

Dimensions and Weight

- Depth: 167mm (6.57 inch)
- Width: 290mm (11.42 inch)
- Height: 350mm (13.78 inch)
- Net Weight: 5.6kg (dual-probe sockets, without battery or hard disk)

Electrical Power

Input power

- Voltage: 100-240V~
- Frequency: 50/60Hz
- Input current: 1.0- 0.5A

Battery

- Lithium-ion Battery Pack: 11.1V \approx , 4800mAh
- Charge time: < 3 hours (connected on AC power supply, with the system powered off)
- Endurance time: \geq 100 min

Boot time

- Boot time: \leq 60s

Operating Environment

Ambient temperature: 0°C ~ 40°C

Relative humidity: 30% ~ 85% (no condensation)

Atmospheric pressure: 700 hPa ~ 1060 hPa

Storage & Transportation Environment

Ambient temperature: -20°C ~ 55°C

Relative humidity: 30% ~ 95% (no condensation)

Atmospheric pressure: 700 hPa ~ 1060 hPa

Probe

Probe Types

- Convex array
- Linear array

Scanning Methods

- Electronic convex with extend FOV
- Electronic linear with slant scanning and trapezoid

Probe Model

- | | |
|------------|-------------------------|
| > 35C50EA | Convex |
| > 35C20EA | Convex |
| > 65EC10EB | Endocavity Micro-Convex |
| > 75L38EA | Linear |
| > 75L53EA | Linear |
| > 65C15EAV | Convex |
| > 50L60EAV | Linear |
| > 75L50EAV | Linear |

Available Needle-guided Bracket for Probe:

- | | |
|------------|---------|
| > 35C50EA | NGB-001 |
| > 75L38EA | NGB-002 |
| > 35C20EA | NGB-003 |
| > 65EC10EB | NGB-004 |
| > 65C15EAV | NGB-005 |
| > 75L53EA | NGB-007 |

System Configuration

Standard Configuration

- Display
 - > 12.1-inch LED, High-Resolution 1024 x 768
 - > Contrast & Brightness adjustable
 - > Screen Saver: Time presettable
 - > Angle adjustable: 30°
- Control Panel
 - > Alphanumeric Keys
 - > Function Keys

- Knobs
- User-defined Keys: function presettable
- 8 segment TGC
- Trackball: Color & Speed presettable
- Key Backlight Brightness & Volume presettable
- Integrated Speakers
- Indicators: Power/Battery/HDD status
- Handle
- Dual-probe socket
- iClear™ (Speckle Suppression Imaging)
- Tissue Harmonic Imaging
- Trapezoid imaging
- Slant scanning for linear probes (2D Steer)
- iTouch™ (Auto Image Optimization)
- ExFOV Imaging (Extended FOV for Convex Probe)
- iStation™
- I/O Interfaces
 - Transducer port: 2
 - Power input port: 1 (Connect to the AC power supply)
 - USB port: 2
 - VGA OUT port: 1
 - Video OUT: 1
 - S-Video OUT: 1 (Separate video output)
 - Ethernet port: 1 (Connect to network)
 - Remote control port: 1
- Multi-language screen display and control panel overlay
- Application categories
 - Abdomen
 - Obstetrics (Dog/Cat/Equine/Bovine/Ovine)
 - Gynecology
 - Cardiology
 - Small Parts
 - Urology
 - Vascular
 - Orthopedics
 - Emergency
 - Nerve
- Smart Installment Reminder

Accessories

- Operator's manual
 - Basic Volume.
 - Advanced Volume.
 - Operation Note.
- Gel

- Power cord
 - 3-Flat-Pin Power Cord
 - EU Power Cord
 - US Power Cord
 - UK Power Cord
- Probe holder
- Gel holder
- Dust-proof cover
- Grounded Cable
- Video Printer Remote Cable

System Language

- Software display and keyboard input available: Chinese/English/German/Spanish/French/Italian/Portuguese/Russian/Czech/Polish/Turkish/Finnish/Danish/Icelandic/Norwegian/Swedish
- Software display available only: Indonesian
- Control panel overlay available: Chinese/German/Spanish/French/Italian/Portuguese/Russian/Czech/Polish
- Operation manual available: Chinese/English/German/Spanish/French/Italian/Portuguese/Russian

Options

- DICOM basic
 - Task management
 - DICOM storage
 - DICOM print
 - DICOM storage commitment
 - DICOM media storage (including DICOM DIR)
- DICOM Worklist
- Battery Pack: Li-ion LI231002A
- 500GB Hard disk
- PW mode (only for CE region)
- Power mode (only for CE region)
- External USB DVD-RW
- Footswitch:
 - 971-SWNOM (2-pedal or 3-pedal)
 - FS-81-SP (1-pedal)
- Mobile trolley: UMT-110
 - Weight: 21kg
 - Width: 445mm
 - Depth: 535mm
 - Height: selective (not available after installed): 810mm, 870mm, 2 levels
- Carrying bag

- Probes
- Needle-guided brackets

Peripherals Supported

- Black and White Video Printer
 - MITSUBISHI P93W-Z Analog
 - SONY UP-X898MD Analog
 - MITSUBISHI P95DW-N Digital
- Color Video Printer
 - SONY UP-D25MD Digital
- Graph / text printer
 - HP Officejet Pro 8100
- USB removable storage device

Exam Mode

- ABD
- SMP
- OB
- Cardiac
- Vascular

Imaging Mode

- B-Mode
 - Tissue Harmonic Imaging
- Slant scanning for linear probes (2D Steer)
- Trapezoid Imaging for Linear Probe
- ExFOV Imaging (Extended FOV for Convex Probe)
- Slant scanning for linear probes (PW independent)
- M - Mode
- PW – Mode (only for CE region)
- Power – Mode (only for CE region)
- Display Mode:
 - Dual live: B/M
 - Time line display:top/bottom (1:1, 2:1, 1:2, Full)
 - Single window
 - Dual-split: B/M, B/B, B/PW
 - Quad-split: 4B
 - B/C/D triplex mode

Imaging Features

- Multi-frequency probes for 2D imaging modes
- iClear™ (Speckle Suppression Imaging)
- iTouch™ (B/M): Auto Optimization
- TSI (Tissue Specific Imaging)
- iZoom™ (Full Screen View)
- Spot Zoom and Pan Zoom

B Mode

- Display Depth
 - Minimum: 0.9 cm
 - Maximum: 37.8 cm
- Frame rate (Max.):
 - B mode: 375 fps
- Adjustable focus number: 4
- Adjustable focus positions (Max.): 16
- Magnification factor:
 - Pan Zoom: 0.8~10
 - Spot Zoom: continuously adjustable
- iZoom: instant full screen view, two level.
- Dynamic range: 30~220
- Gain: 0~100dB
- TGC: 8
- Gray map: 1~8
- Colorize map: off, 1~16
- ExFOV: on/off (Trapezoid imaging for linear probe)
- FOV: on/off, continuously adjustable
- IP: 1~8
- Persistence: 0~7
- R/L, U/D Flip
- Rotation: 0°, 90°, 180°, 270°
- Line Density: L, M, H, UH
- A.power: 7%~100%, 3%/step
- Smooth: 0~3
- TSI: General, Fat, Fluid, Muscle
- B Steer: -6°, 0°, 6°, linear transducer only
- HScale: on/off
- Lithotripsy: on/off
- Gray Rejection: 0~5
- γ: 0~3
- Curve: adjustable
- Gray Invert: on/off
- Auto Merge: on/off, linear probe, Dual display mode

M Mode

- Gain: 0~100
- Speed: 1~6
- Edge Enhance: 0~14
- M Soften: 0~14

PW Mode

- Display formats: V1:2,V2:1,V1:1,FULL
- SV: 0.5-20 mm
- SVD: 10%-100%
- Baseline: -4-4, 1/step
- PW Steer: max. 6 degrees (linear transducer)

- Volume: 0-100%, 2%/step
- PW PRF: 0.7 kHz to 24 kHz
- Gain: 0-100, 2/step
- Dynamic range: 24-72, 2/step
- Speed: 6 steps, 1/step
- Wall filter: 7 steps, 1/step
- Invert: on/off
- Angle: -89-89 degrees, 1/step
- Quick angle: -60, 0, 60 degrees
- Gray map: 8 types
- Tint map: Off; 16 types
- Time/frequency resolution: 0-4

Power Mode

- Dynamic Range: 10-70
- Map: P0-P3, dP0-dP3

Display Annotations

- Manufacturer logo
- Hospital name: up to 64 characters can be displayed
- Exam date: 3 types selectable, YY/MM/DD, MM/DD/YY, DD/MM/YY
- Exam time: 2 formats
- Acoustic output indices: MI, TIC, TIS, TIB
- Freeze icon
- Gender
- Age
- Animal: Dog/ Cat/ Equine/ Bovine/ Ovine /Other
- Animal ID: up to 64 characters can be displayed
- Other ID: up to 64 characters can be displayed
- Name: up to 64 characters can be displayed
- No.
- Host
- Probe model
- Current exam mode
- Accession#
- Operator: up to 64 characters can be displayed
- Menu
- Image
- Probe orientation mark
- Time line
- Coordinate axis, including depth, time
- TGC curve
- Focus
- Comment
- Body Mark

- Measure caliper
- Gray scale bar
- Thumbnail
- Help information
- Status icons
- Biopsy guideline
- Measure result window (up to 8 results can be displayed)
- Image parameters

Comments and Body Mark

Comment

Text comment

- Comment text for all exam modes
- Custom: add/delete/edit comment units in current menu.

Arrow

- Arrow size
- Arrow position
- Arrow orientation

Body Mark

Application package

- Body marks for all exam modes:
- Custom: import/delete body marks

Storage/ Connection

- 500GB integrated hard disk (Optional)
- 8GB SSD standard storage space
- External DVD-R/W (Optional)
- 2 USB ports
- Image archive on hard disk, USB storage device, DVD, iStorage (Advanced Network Storage) and temporary saving in cine memory
- Clipboard
- Thumbnail
- Single-frame image formats: BMP, JPG, DCM, FRM(supports off-line analysis)
- Multi-frame images formats: AVI, DCM, CIN, (supports off-line analysis)
- Storage area:
 - Image area: 640×480
 - Standard area: 800×600
 - Full-screen: 1024×768
- iVision: Demo player
- Cine review: Auto, Manual (auto review segment can be set), supports linked cine review for 2D, M

images.

- Cine memory capacity (Max.)
 - Clip length presettable: 1-60s
 - B mode: 11959 frames
 - M mode: 110.0 s
- Max. frames in HDD (M mode, 35C50EA)
 - 500G SATA hard disk not configured:
BMP: 1137
FRM: 1063
 - 500G SATA hard disk configured:
BMP: 223004
FRM: 148890
- iStorage (Advanced Network Storage)
- DICOM:
 - DICOM Basic
 - Task management
 - DICOM storage
 - DICOM print
 - DICOM storage commitment
 - DICOM media storage (including DICOM DIR)
 - DICOM Worklist

iStation™

Intelligent animal data management system

- Integrated search engine for animal data
- Detailed animal information view
- Intelligent data backup/ restore
- Animal data/ image sending
- Animal data deleting
- Exam managing: create new exam, activate exam and continue exam
- Recycle Bin
- Task manager

Measure/Calc/Study

General

- B-Mode Measurement
 - Distance
 - Ellipse
 - Trace
 - Spline
 - Cross
 - Angle
 - Double Dist
 - Trace Len
 - Trace Len(Spline)

Parallel
B-Profile
B-Hist(Ellipse)
B-Hist(Trace)
B-Hist(Spline)
B-Hist(Rectangle)
Depth

- B-Mode Calculate
 - Volume
 - Volume(Ellipse)
 - Volume(E+Dist.)
 - Ratio(D)
 - Ratio(Ellipse)
 - Ratio(Spline)
 - Ratio(Cross)
- B-Mode Study
 - Volume
 - Volume
 - Volume(Ellipse)
 - Volume(E+Dist.)
 - Ratio(A)
 - Ratio(Trace)
 - Ratio(Ellipse)
 - Ratio(Spline)
 - Ratio(Cross)
 - Volume Flow
 - Vas Area
 - TAMEAN
 - TAMAX
- M-Mode Measurement
 - HR
 - Slope
 - Distance
 - Time
 - Velocity

Application

Abdomen

- B-Mode Measurement
 - Liver
 - Renal L
 - Renal H
 - Renal W
 - Cortex
 - Adrenal L
 - Adrenal H

- Adrenal W
- CBD
- Portal V Diam
- CHD
- GB L
- GB H
- GB wall th
- Panc duct
- Panc head
- Panc body
- Panc tail
- Spleen
- Aorta Diam
- Aorta Bif
- Iliac Diam
- Pre-BL L
- Pre-BL H
- Pre-BL W
- Post-BL L
- Post-BL H
- Post-BL W
- Ureter
- B-Mode Calculate
 - Renal Vol
 - Pre-BL Vol
 - Post-BL Vol
 - Mictur.Vol
- B-Mode Study
 - Kidney
 - Renal L
 - Renal H
 - Renal W
 - Cortex
 - Bladder
 - Pre-BL L
 - Pre-BL W
 - Pre-BL H
 - Post-BL L
 - Post-BL W
 - Post-BL H
 - Adrenal
 - Adrenal L
 - Adrenal W
 - Adrenal H

Bovine OB

- B-Mode Measurement
 - Bovine CRL
 - Bovine TD
 - Bovine HD

Cat OB

- B-Mode Measurement
 - Cat BD
 - Cat HD

Dog OB

- B-Mode Measurement
 - Dog CRL
 - Dog GS
 - Dog HD
 - Dog BD

Equine OB

- B-Mode Measurement
 - Equine GS-H
 - Equine GS-V

Ovine OB

- B-Mode Measurement
 - Ovine CRL
 - Ovine BPD

Cardiology

- B-Mode Measurement
 - LA Diam(2D)
 - LA Major
 - LA Minor
 - RA Major
 - RA Minor
 - LV Major
 - LV Minor
 - RV Major
 - RV Minor
 - LA Area
 - RA Area
 - LV Area(d)
 - LV Area(s)
 - RV Area(d)
 - RV Area(s)
 - LVIDd(2D)
 - LVIDs(2D)
 - LVIDd(Teich-2D)
 - LVIDs(Teich-2D)
 - LVIDd(Cube-2D)
 - LVIDs(Cube-2D)
 - LVIDd(Gibson-2D)

LVIDs(Gibson-2D)
 RVDd(2D)
 RVDs(2D)
 LVPWd(2D)
 LVPWs(2D)
 RVAWd(2D)
 RVAWs(2D)
 IVSd(2D)
 IVSs(2D)
 Ao Diam(2D)
 Ao Arch Diam(2D)
 Ao Asc Diam(2D)
 Ao Desc Diam(2D)
 Ao Isthmus(2D)
 Ao st junct(2D)
 Ao Sinus Diam(2D)
 Duct Art Diam
 Pre Ductal
 Post Ductal
 ACS(2D)
 LVOT Diam(2D)
 AV Diam
 AVA
 PV Diam
 LPA Diam(2D)
 RPA Diam(2D)
 MPA Diam(2D)
 RVOT Diam(2D)
 MV Diam
 MVA
 MCS(2D)
 MV EPSS(2D)
 TV Diam
 TVA
 IVC Diam(Insp)
 IVC Diam(Expir)
 SVC Diam(Insp)
 SVC Diam(Expir)
 LCA Diam
 RCA Diam
 VSD Diam
 ASD Diam
 PDA Diam
 PFO Diam
 PEd(2D)
 PEs(2D)

Diastole(Teich-2D)
 Systole(Teich-2D)
 Diastole(Cube-2D)
 Systole(Cube-2D)
 Diastole(Gibson-2D)
 Systole(Gibson-2D)
 HR(Teich 2D)
 HR(Cube 2D)
 HR(Gibson 2D)

- B-Mode Calculate
 - LA/Ao(2D)
 - Ao/LA(2D)
- B-Mode Study
 - S-P Ellipse
 - LVLd apical(SP Ellipse)
 - LVAd apical(SP Ellipse)
 - LVLs apical(SP Ellipse)
 - LVAs apical(SP Ellipse)
 - HR(SP Ellipse)
 - B-P Ellipse
 - LVIDd(BP Ellipse)
 - LVIDs(BP Ellipse)
 - LVAd sax MV(BP Ellipse)
 - LVAs sax MV(BP Ellipse)
 - LVAd apical(BP Ellipse)
 - LVAs apical(BP Ellipse)
 - HR(BP Ellipse)
 - Bullet
 - LVLd apical(Bullet)
 - LVLs apical(Bullet)
 - LVAd sax MV(Bullet)
 - LVAs sax MV(Bullet)
 - HR(Bullet)
 - Mod.Simpson
 - LVLd apical(Simp)
 - LVLs apical(Simp)
 - LVAd sax MV(Simp)
 - LVAs sax MV(Simp)
 - LVAd sax PM(Simp)
 - LVAs sax PM(Simp)
 - HR(Mod Simp)
 - Simp SP(A2C)
 - EDV(Simp SP-A2C)
 - ESV(Simp SP-A2C)
 - HR(Simp SP A2C)
 - Simp SP(A4C)

EDV(Simp SP-A4C)
 ESV(Simp SP-A4C)
 HR(Simp SP A4C)
 Simpson BP
 EDV(Simp BP-A2C)
 ESV(Simp BP-A2C)
 EDV(Simp BP-A4C)
 ESV(Simp BP-A4C)
 HR(Simp BP)
 Cube(2D)
 Diastole(Cube-2D)
 Systole(Cube-2D)
 IVSd(Cube-2D)
 LVIDd(Cube-2D)
 LVPWd(Cube-2D)
 IVSs(Cube-2D)
 LVIDs(Cube-2D)
 LVPWs(Cube-2D)
 HR(Cube 2D)
 Teichholz(2D)
 Diastole(Teich-2D)
 Systole(Teich-2D)
 IVSd(Teich-2D)
 LVIDd(Teich-2D)
 LVPWd(Teich-2D)
 IVSs(Teich-2D)
 LVIDs(Teich-2D)
 LVPWs(Teich-2D)
 HR(Teich 2D)
 Gibson(2D)
 Diastole(Gibson-2D)
 Systole(Gibson-2D)
 IVSd(Gibson-2D)
 LVIDd(Gibson-2D)
 LVPWd(Gibson-2D)
 IVSs(Gibson-2D)
 LVIDs(Gibson-2D)
 LVPWs(Gibson-2D)
 HR(Gibson 2D)
 LA Vol(A-L)
 LA Diam(LA Vol A-L)
 LAA(A2C)
 LAA(A4C)
 LA Vol(Simp)
 LA Vol(A2C)
 LA Vol(A4C)

RA Vol(Simp)
 RA Vol(A4C)
 LV Mass(Cube-2D)
 IVSd(LV Mass Cube-2D)
 LVIDd(LV Mass Cube-2D)
 LVPWd(LV Mass Cube-2D)
 LV Mass(T-E)
 LVAd sax Epi(LV Mass T-E)
 LVAd sax Endo(LV Mass T-E)
 a
 d
 LV Mass(A-L)
 LVAd sax Epi(LV Mass A-L)
 LVAd sax Endo(LV Mass A-L)
 LVld apical(LV Mass A-L)
 • M-Mode Measurement
 LA Diam(M)
 LVIDd(M)
 LVIDs(M)
 LVIDd(Teich-M)
 LVIDs(Teich-M)
 LVIDd(Cube-M)
 LVIDs(Cube-M)
 LVIDd(Gibson-M)
 LVIDs(Gibson-M)
 RVDd(M)
 RVDs(M)
 LVPWd(M)
 LVPWs(M)
 RVAWd(M)
 RVAWs(M)
 IVSd(M)
 IVSs(M)
 Ao Diam(M)
 Ao Arch Diam(M)
 Ao Asc Diam(M)
 Ao Desc Diam(M)
 Ao Isthmus(M)
 Ao st junct(M)
 Ao Sinus Diam(M)
 LVOT Diam(M)
 ACS(M)
 LPA Diam(M)
 RPA Diam(M)
 MPA Diam(M)
 RVOT Diam(M)

| | |
|----------------------|-----------------------|
| MV E Amp | IVSs(Teich-M) |
| MV A Amp | LVIDs(Teich-M) |
| MV E-F Slope | LVPWs(Teich-M) |
| MV D-E Slope | HR(Teich M) |
| MV DE | Gibson(M) |
| MCS(M) | Diastole(Gibson-M) |
| MV EPSS(M) | Systole(Gibson-M) |
| PEd(M) | IVSd(Gibson-M) |
| PEs(M) | LVIDd(Gibson-M) |
| LVPEP(M) | LVPWd(Gibson-M) |
| LVET(M) | IVSs(Gibson-M) |
| RVPEP(M) | LVIDs(Gibson-M) |
| RVET(M) | LVPWs(Gibson-M) |
| Diastole(Teich-M) | HR(Gibson M) |
| Systole(Teich-M) | LV Mass(Cube-M) |
| Diastole(Cube-M) | IVSd(LV Mass Cube-M) |
| Systole(Cube-M) | LVIDd(LV Mass Cube-M) |
| Diastole(Gibson-M) | LVPWd(LV Mass Cube-M) |
| Systole(Gibson-M) | |
| HR(Teich M) | Vascular |
| HR(Cube M) | • B-Mode Calculate |
| HR(Gibson M) | Stenosis D |
| HR | Stenosis A |
| • M-Mode Calculate | Gynecology |
| LA/Ao(M) | • B-Mode Measurement |
| Ao/LA(M) | UT L |
| • M-Mode Study | UT H |
| LV Tei Index(M) | UT W |
| MV C-O dur(M) | Cervix L |
| LVET(LV Tei Index-M) | Cervix H |
| Cube(M) | Cervix W |
| Diastole(Cube-M) | Endo |
| Systole(Cube-M) | Ovary L |
| IVSd(Cube-M) | Ovary H |
| LVIDd(Cube-M) | Ovary W |
| LVPWd(Cube-M) | Follicle1 L |
| IVSs(Cube-M) | Follicle1 W |
| LVIDs(Cube-M) | Follicle1 H |
| LVPWs(Cube-M) | Follicle2 L |
| HR(Cube M) | Follicle2 W |
| Teichholz(M) | Follicle2 H |
| Diastole(Teich-M) | Follicle3 L |
| Systole(Teich-M) | Follicle3 W |
| IVSd(Teich-M) | Follicle3 H |
| LVIDd(Teich-M) | Follicle4 L |
| LVPWd(Teich-M) | Follicle4 W |
| | Follicle4 H |

- Follicle5 L
- Follicle5 W
- Follicle5 H
- Follicle6 L
- Follicle6 W
- Follicle6 H
- Follicle7 L
- Follicle7 W
- Follicle7 H
- **Follicle8 L**
- Follicle8 W
- Follicle8 H
- Follicle9 L
- Follicle9 W
- Follicle9 H
- Follicle10 L
- Follicle10 W
- Follicle10 H
- Follicle11 L
- Follicle11 W
- Follicle11 H
- Follicle12 L
- Follicle12 W
- Follicle12 H
- Follicle13 L
- Follicle13 W
- Follicle13 H
- Follicle14 L
- Follicle14 W
- Follicle14 H
- Follicle15 L
- Follicle15 W
- Follicle15 H
- Follicle16 L
- Follicle16 W
- Follicle16 H
- B-Mode Calculate
- Ovary Vol
- UT Vol
- UT SUM
- UT-L/CX-L
- Follicle1
- Follicle2
- Follicle3
- Follicle4
- Follicle5

- Follicle6
- Follicle7
- Follicle8
- Follicle9
- Follicle10
- Follicle11
- Follicle12
- Follicle13
- Follicle14
- Follicle15
- Follicle16
- B-Mode Study
- Uterus
- UT L
- UT H
- UT W
- Endo
- Uterine Cervix
- Cervix L
- Cervix H
- Cervix W
- Ovary
- Ovary L
- Ovary W
- Ovary H
- Follicle1
- Follicle1 L
- Follicle1 W
- Follicle1 H
- Follicle2
- Follicle2 L
- Follicle2 W
- Follicle2 H
- Follicle3
- Follicle3 L
- Follicle3 W
- Follicle3 H
- Follicle4
- Follicle4 L
- Follicle4 W
- Follicle4 H
- Follicle5
- Follicle5 L
- Follicle5 W
- Follicle5 H
- Follicle6

Follicle6 L
 Follicle6 W
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 Follicle7
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 Follicle15
 Follicle15 L
 Follicle15 W
 Follicle15 H
 Follicle16
 Follicle16 L
 Follicle16 W
 Follicle16 H

Urology

- B-Mode Measurement
 - Renal L

Renal H
 Renal W
 Cortex
 Adrenal L
 Adrenal H
 Adrenal W
 Prostate L
 Prostate H
 Prostate W
 Seminal L
 Seminal H
 Seminal W
 Testicular L
 Testicular H
 Testicular W
 Ureter
 Pre-BL L
 Pre-BL H
 Pre-BL W
 Post-BL L
 Post-BL H
 Post-BL W
 Prostate Mass1 d1
 Prostate Mass1 d2
 Prostate Mass1 d3
 Prostate Mass2 d1
 Prostate Mass2 d2
 Prostate Mass2 d3
 Prostate Mass3 d1
 Prostate Mass3 d2
 Prostate Mass3 d3
 Testicular Mass1 d1
 Testicular Mass1 d2
 Testicular Mass1 d3
 Testicular Mass2 d1
 Testicular Mass2 d2
 Testicular Mass2 d3
 Testicular Mass3 d1
 Testicular Mass3 d2
 Testicular Mass3 d3
 • B-Mode Calculate

- Renal Vol
- Prostate Vol
- Testicular Vol
- Pre-BL Vol
- Post-BL Vol

- Mictur.Vol
- B-Mode Study
 - Kidney
 - Renal L
 - Renal H
 - Renal W
 - Cortex
 - Adrenal
 - Adrenal L
 - Adrenal W
 - Adrenal H
 - Prostate
 - Prostate W
 - Prostate H
 - Prostate L
 - Seminal Vesicle
 - Seminal L
 - Seminal W
 - Seminal H
 - Testis
 - Testicular L
 - Testicular W
 - Testicular H
 - Bladder
 - Pre-BL L
 - Pre-BL W
 - Pre-BL H
 - Post-BL L
 - Post-BL W
 - Post-BL H
 - Prostate Mass1
 - Prostate Mass1 d1
 - Prostate Mass1 d2
 - Prostate Mass1 d3
 - Prostate Mass2
 - Prostate Mass2 d1
 - Prostate Mass2 d2
 - Prostate Mass2 d3
 - Prostate Mass3
 - Prostate Mass3 d1
 - Prostate Mass3 d2
 - Prostate Mass3 d3
 - Testicular Mass1
 - Testicular Mass1 d1
 - Testicular Mass1 d2
 - Testicular Mass1 d3

- Testicular Mass2
 - Testicular Mass2 d1
 - Testicular Mass2 d2
 - Testicular Mass2 d3
- Testicular Mass3
 - Testicular Mass3 d1
 - Testicular Mass3 d2
 - Testicular Mass3 d3

Small Parts

- B-Mode Measurement
 - Thyroid L
 - Thyroid H
 - Thyroid W
 - Isthmus H
 - Testicular L
 - Testicular H
 - Testicular W
 - Breast Mass1 d1
 - Breast Mass1 d2
 - Breast Mass1 d3
 - Breast Mass2 d1
 - Breast Mass2 d2
 - Breast Mass2 d3
 - Breast Mass3 d1
 - Breast Mass3 d2
 - Breast Mass3 d3
 - Thyroid Mass1 d1
 - Thyroid Mass1 d2
 - Thyroid Mass1 d3
 - Thyroid Mass2 d1
 - Thyroid Mass2 d2
 - Thyroid Mass2 d3
 - Thyroid Mass3 d1
 - Thyroid Mass3 d2
 - Thyroid Mass3 d3
- B-Mode Calculate
 - Thyroid Vol
- B-Mode Study
 - Thyroid
 - Thyroid L
 - Thyroid W
 - Thyroid H
 - Testis
 - Testicular L
 - Testicular W
 - Testicular H

Breast Mass1
Breast Mass1 d1
Breast Mass1 d2
Breast Mass1 d3
Breast Mass2
Breast Mass2 d1
Breast Mass2 d2
Breast Mass2 d3
Breast Mass3
Breast Mass3 d1
Breast Mass3 d2
Breast Mass3 d3
Thyroid Mass1
Thyroid Mass1 d1
Thyroid Mass1 d2
Thyroid Mass1 d3
Thyroid Mass2
Thyroid Mass2 d1
Thyroid Mass2 d2
Thyroid Mass2 d3
Thyroid Mass3
Thyroid Mass3 d1
Thyroid Mass3 d2
Thyroid Mass3 d3

Orthopedics

- B-Mode Measurement
HIP
HIP-Graf
d/D

Auto Calculation

PS
ED
MD
PPG
TAMAX
Vol Flow(TAMAX)
TAMEAN
Vol Flow(TAMEAN)
DT
MPG
MMPG
VTI
AT
S/D
D/S
PI

RI
PV
HR

Diagnostic Report

- View/add images
- Data edit
- Print
- Import
- export (to PDF/RTF file)
- View history report
- Obstetric analysis
- Fetal growth curve

Safety & Conformance

Quality Standards

- ISO 9001:2008
- ISO 13485:2003

Design Standards

- EN 60601-1 and IEC 60601-1
- EN 60601-1-2 and IEC 60601-1-2
- EN 60601-2-37 and IEC60601-2-37
- EN ISO 14971 and ISO 14971
- EN ISO10993-1 and ISO10993-1
- EN 62366 and IEC 62366
- EN 62304 and IEC 62304
- EN ISO 17664
- EN 1041
- EN 15223-1
- IEC 60878

CE Declaration

DP-30Vet system is fully in conformance with the EC Low Voltage Directive (2006/95/EC) and EC Directive of Electromagnetic Compatibility (2004/108/EC).

Not all features or specifications described in this document may be available in all probes and/or modes.

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