

GE Healthcare

# Quick Card

Venue 40

healthymagination



imagination at work



# Venue 40

## Getting Started



1 Mount Venue 40<sup>®</sup> system to the table dock/cart.



2 Connect the power cord.



3 Connect the transducer.



4 Insert the SD Card.



5 Power on the system by pressing the **Power On/Off** key on top.



**NOTE:** The system can be used immediately after mounting to table dock/cart.

**NOTE:** Table dock/cart charges battery while it's plugged into power source.

## Control Panel

- A Freeze
- B Save
- C Gain
- D Depth
- E Mode-specific controls

**NOTE:** Press the hard keys on the right side and bottom of the control panel.

**NOTE:** Use stylus to select controls on the screen.

**NOTE:** To clean the control panel, use approved cleaners on Page 6 of this Quick Card (also listed in Basic User Manual).

## New Patient

1. Select **Patient**.
2. Enter Patient information; select **Save**; select application to complete patient registration.

**NOTE:** Select *Auto ID* to generate patient ID automatically.

**NOTE:** In case of emergency, you can scan without entering patient information.

## Image Scanning

### B Mode:

Control	Effects on image
Auto	Activate auto tissue optimization
Guide	Show needle guide
B-Steer +*	Activate Needle Recognition

### CF/PDI Mode:

Control	Effects on image
Steer	Slant color box left/center/right
PRF H/M/L	Adjust PRF on gray/color bar
Invert	Reverse color display
ROI Position	Move color box top/middle/bottom

### M Mode:

Control	Effects on image
Layout	Change orientation of layout
Speed	Adjust sweep speed

\*Optional

## Measurement

1. Press **Freeze**.
2. Select **Measure** to initiate measurement with the stylus.
3. Select **Obstetrics** and choose desired measurement.


**To measure the distance:** 

Tap on image area and place the 1st and 2nd caliper using the stylus.

**To measure the circumference:** 

Tap on the image and place the 1st and 2nd caliper using the stylus. Hold and drag the stylus to open up the ellipse and release.

### OB Measurement:

**To measure the area:\*\*** 

Tap on the image and place the 1st and 2nd caliper using the stylus.

4. Measurement results are displayed in the results window.




\*\* Measurement available only on OB applications.

## Annotation

### To add annotations\*:

Select desired comment from annotation tab or type a comment directly into the text box using the on-screen keys.

### To add custom annotations:

1. Select **Comment** icon from image screen. 
2. Select **Custom** tab and feather icon. 
3. Select desired location within the table and type customized annotation using on-screen keys.
4. Select **Save** to store customized annotation. 

\*Stylus required

## Using Cine and Image Management

1. Press **Freeze**.
2. Select **Play/II** to play back/pause; select "<" or ">" to move forward/backward frame by frame.
3. Press **Save** to store images frozen or to store video clips when playing back.
4. Press **Print** to send image to a connected printer.
5. View images and video clips for a patient via **Patient -> Archive**.



## Tested Medical Grade Disinfectants for Venue 40 Console

### To clean the monitor face:

Use the protective bag to wipe monitor face gently.

Or

### Wipe the LCD monitor and Operator controls with the following cleaners:

- PDI Sani-Cloth Plus Germicidal Disposable Cloth (low Alcohol)
- PDI Super Sani-Cloth Germicidal Disposable Cloth (high Alcohol)
- PDI Sani-Cloth HB (Germicidal, Alcohol free)
- Sporidicin (Phenol)
- DisCide – recommended for clarity (63% isopropyl)
- Meliseptol Foam Pure

**NOTE:** Do NOT use a glass cleaner that has a hydrocarbon base (such as Benzene, Methyl Alcohol or Methyl Ethyl Ketone) on monitors with the filter (anti-glare shield). Hard rubbing will also damage the filter.

**NOTE:** When cleaning the screen, make sure not to scratch the LCD.

## Venue 40 Transducer Care

			4C-SC	3S-SC	12L-SC	L8-18i-SC		
	<b>Aquasonics 100</b>	Gel	Parker Laboratory Inc.	OK	OK	OK	OK	–
	<b>Scan</b>	Gel	Parker Laboratory Inc.	OK	OK	OK	OK	–
	<b>Sonogel</b>	Gel	Sonogel Vertriebs GmbH	OK	OK	OK	OK	–
	<b>Clear Image</b>	Gel	Sonotech Inc.	OK	OK	⊗	⊗	–
	<b>Kendall</b>	Gel	Tyco/Healthcare	OK	⊗	⊗	⊗	–
	<b>Wavelength</b>	Gel	National Therapy Products Inc.	OK	⊗	⊗	⊗	–
	<b>T-Spray</b>	Quaternary Ammoniums	Pharmaceutical Innovations	⊗	OK	OK	OK	< 20 minutes
	<b>T-Spray II</b>	Quaternary Ammoniums	Pharmaceutical Innovations	OK	OK	OK	OK	< 20 minutes
	<b>Asepti-wipes</b>	8% IPA, <1% Quat	Ecolab Inc.	⊗	⊗	OK	⊗	< 30 minutes
	<b>Asepti-wipes II</b>	14.85% IPA	Ecolab Inc.	OK	OK	⊗	⊗	< 30 minutes
	<b>CaviWipes</b>	14.3% IPA	Metrex	OK	OK	⊗	⊗	< 30 minutes
	<b>Septiwipes</b>	Quaternary Ammoniums	Dr. Schumacher GmbH	OK	OK	OK	⊗	< 30 minutes
	<b>Cleanisept wipes</b>	Quaternary Ammoniums	Dr. Schumacher GmbH	OK	OK	OK	⊗	< 30 minutes
	<b>Sani-Cloth HB</b>	Quaternary Ammoniums	PDI	OK	OK	OK	OK	< 30 minutes
	<b>PeraSafe</b>	Peracetic Acid	Antec International	⊗	⊗	OK	OK	< 15 minutes
	<b>Gigasept</b>	Succindialdehyde, formaldehyde	Schülke & Mayr	⊗	⊗	OK	OK	< 50 minutes
	<b>Cidex</b>	Glutaraldehyde	Johnson & Johnson	OK	OK	OK	OK	< 50 minutes
	<b>Cidex OPA</b>	Ortho-phthalaldehyde	Johnson & Johnson	OK	OK	OK	OK	< 15 minutes
	<b>Cidex Plus</b>	Glutaraldehyde	Johnson & Johnson	OK	OK	OK	OK	< 25 minutes
	<b>Gigasept AF</b>	Quaternary Ammoniums	Schülke & Mayr	⊗	⊗	OK	OK	< 30 minutes
	<b>Gigasept FF</b>	Succindialdehyde	Schülke & Mayr	⊗	⊗	OK	OK	< 30 minutes
	<b>Metricide 14</b>	Glutaraldehyde	Metrex	OK	OK	OK	OK	< 50 minutes
	<b>Ster Bac Blu</b>	Quaternary Ammoniums	Ecolab Inc.	OK	OK	OK	OK	< 50 minutes
	<b>Wavicide-01</b>	Glutaraldehyde	MCC	OK	OK	OK	OK	< 50 minutes

## E8Cs-SC Transducer Care



### CAUTION:

- DO NOT attempt to disinfect or sterilize the transducer with autoclave or steam sterilization.
- DO NOT clean the transducer by immersing in an alcohol solution.
- DO NOT soak, disinfect, or sterilize the connector and relief.
- DO NOT immerse the grip part of the transducer.

Refer to [http://www.gehealthcare.com/user/ultrasound/products/transducer\\_care.html](http://www.gehealthcare.com/user/ultrasound/products/transducer_care.html) for more information.

Ultrasound transducers can be disinfected using liquid chemical germicides. The level of disinfection is directly related to the duration of contact with the germicide. Increased contact time procedures results in a higher level of disinfection. 2% Glutaraldehyde-based solutions

have been shown to be very effective for this purpose. Cidex and Cidex Opa are the germicides that have been evaluated for compatibility with the material used to construct the transducers.



**CAUTION:** In order for liquid chemical germicides to be effective, all visible residue must be removed during the cleaning process. Thoroughly clean the transducer before attempting disinfection.

1. Prepare the germicide according to manufacturer's instructions. Be sure to follow all precautions for storage, use and disposal.
2. Place the cleaned and dried transducer in contact with the germicide for the time specified by the germicide manufacturer. High-level disinfection is recommended for surface transducers and is required for endocavitary and intraoperative transducers (follow the germicide manufacturer's recommended time).
3. After removing from the germicide, rinse the transducer following the germicide manufacturer's rinsing instructions. Flush all visible germicide residue from the transducer and allow to air dry.



**WARNING:** Ultrasound transducers can easily be damaged by improper handling and by contact with certain chemicals. Failure to follow all these precautions can result in serious injury and equipment damage.

When cleaning the screen, make sure not to scratch the LCD.

1. DO NOT immerse the transducer into any liquid beyond the level specified for the transducer. Never immerse the transducer connector, relief or transducer adapters into any liquid.
2. Avoid mechanical shock or impact to the transducer and do not apply excessive bending or pulling force to the cable.
3. Transducer damage can result from contact with inappropriate coupling or cleaning agents.
  - Do not soak or saturate transducer with solutions containing alcohol, bleach, ammonium chloride compounds or hydrogen peroxide.
  - Avoid contact with solutions or coupling gels containing mineral oil or lanolin.
  - Avoid temperatures above 60° C.
4. Inspect the transducer prior to use for damage or degeneration to the housing, strain relief, lens and seal. Do not use a damaged or defective transducer.



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