

LOGIQ™ S8 Series

How can it help in managing patients with respiratory conditions?

Power Assistant/Battery Scanning

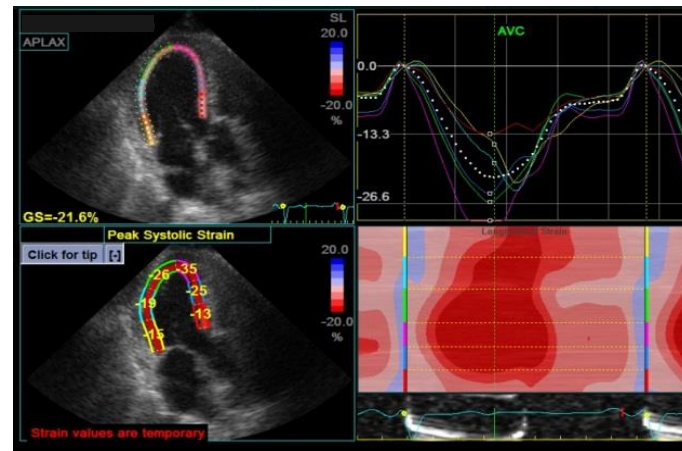
- **Power Assistant** is an innovative solution that provides the system battery power during transport to help decrease system shut-down and reboot time – helping achieve excellent productivity for excellent portable exams
- **Extended-life battery** enables up to one hour of offline scanning



- **Evaluate and monitor patients' respiratory and cardiovascular conditions** with acute respiratory diseases like COVID-19
- **Fast triage** of patients suffering from acute respiratory and cardiovascular disease
- **Easy to connect & share images** with DICOM® to PACS , Tricefy™
- **Portability:** 1 hour offline scanning
- **Easy cleanability:** Ideal for isolation wards and infection control
- **Auto EF & Cardiac Strain Support**

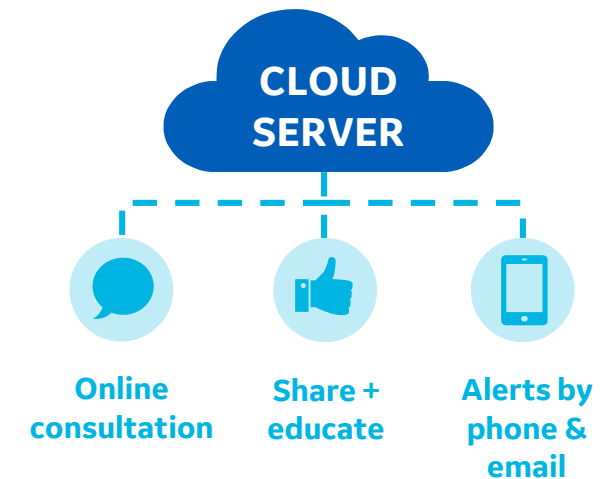
Cardiac Imaging: Auto EF & Cardiac Strain

- **Cardiac Imaging:** M5Sc-D, 3Sp-D, 6S-D, 6Tc-RS
- **Auto EF** is a semi-automatic measurement tool used for measurement of the global EF (Ejection fraction)
- **Cardiac Strain:** The support tool for evaluation of the wall motion of the entire left ventricle or local region



Connectivity

- **Wireless Network:** Brings convenience and enhanced workflow to portable exams
- **Trice:** Share images for consultations with peers or referral doctors using cloud service



LOGIQ™ S8 Series

How can it help in managing patients with respiratory conditions?

- **Evaluate and monitor patients' respiratory and cardiovascular conditions** with acute respiratory diseases like COVID-19
- **Fast triage** of patients suffering from acute respiratory and cardiovascular disease
- **Portability:** 1 hour offline scanning
- **Easy cleanability:** Ideal for isolation wards and infection control
- **XDclear™ probes**
- **Compare Assistant** for follow up of treatment progress
- **Raw Data:** Adjust images after the exam to limit exposure time
- **Scan Assistant:** Predefined exam protocols to reduce keystrokes

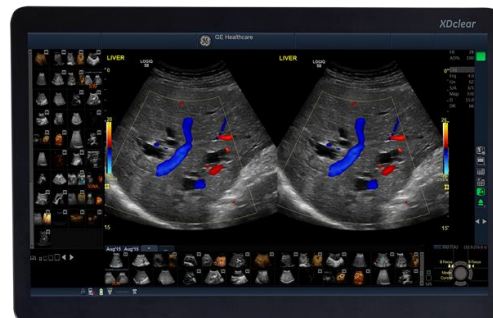
XDclear Probes

- **XDclear probes:** C1-6-D, C2-9-D, C3-10-D, M5Sc-D. Improved penetration, sensitivity and bandwidth
- Designed for proper grip
- Flexible, light weight cable
- Pinless connectors
- Probe compatibility



Raw Data and Compare Assistant

- **Raw Data Capabilities** allows operator to extract additional information without extending the length of the examination limiting exposure
- **Help streamline comparison to prior exams:** Drives productivity for acquiring and reading the exam by designing a workflow that uses prior exam data
- A quick image comparison or a replicated prior exam to show current disease state



Scan Assistant

- **Predefined standardized exam protocols:** Walks user through all steps of image acquisition, reducing keystrokes, helping reduce stress and fatigue and supporting exam consistency
- **Scan Assistant Creator:** Provides flexibility to customize or create new protocols by the user and name them as deemed appropriate such as COVID patient exam protocol

Feature highlights

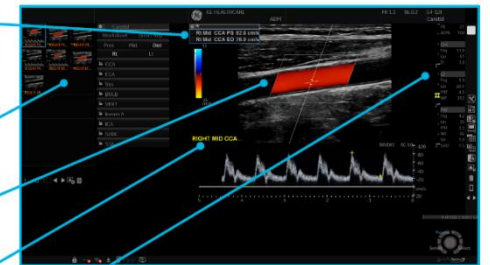
Initiates and completes user selected required measurements

Automatically reorders images to reader's preference

Automatically steers Color Doppler

Automatically inserts comments

Automatically sets up imaging controls and modes



LOGIQ™ S8

Compatible Cleaning, Disinfection & Gel Products

Manual comes first: Make sure to guide the customer to user manual:

<https://customer-doc.cloud.gehealthcare.com/#/cdp/dashboard>

Updated information available on the website if new information becomes available between the releases:

Under the PRODUCT category below, "*" denotes those that are listed on the United States [Environmental Protection Agency \(EPA\) website](https://www.epa.gov/) as a disinfectant for use against SARS-CoV-2, the cause of COVID-19.

<https://www.gehealthcare.com/products/ultrasound/ultrasound-transducers>

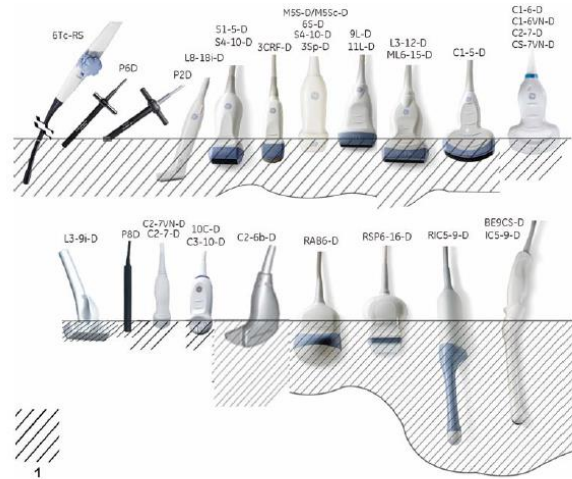


Figure 11-13. Probe Immersion Levels, 1=Fluid Level

Appropriate Cleaning/Disinfectant Agents

Table 12-13: Appropriate Cleaning/Disinfectant Agents

Cleaning/Disinfectant Agent	Monitor (Glass)	Monitor Frame (Panel)	System Cabinet	Touch Panel	Operator Controls
Mild, Non-Abrasive Soap and Water	OK	OK	OK	OK	OK
Ammonia	N/A	OK	N/A	N/A	N/A
<Disinfectant> Bleach (10 to 1 Ratio of 5% Home Bleach)	N/A	OK	N/A	N/A	OK
<Cleaner/disinfectant> Hydrogen Peroxide / Hydrogen Peroxide Wipes	N/A	OK	N/A	N/A	N/A
Other recommended Cleaner/Disinfectants	N/A	N/A	N/A	N/A	PDI - Super Sani Cloth Clorox - Multi Surface Wipes Hartmann - Kohrsolin Extra Hartmann - Kohrsolin FF
Notes	Never use thinner, benzene, alcohol (ethanol, methanol, or isopropyl alcohol), abrasive cleaners, or other string solvents, as these may cause damage to the monitor.		Cloth should be damp, not dripping wet.	Cloth should be damp, not dripping wet.	DO NOT USE: Any cleaning/disinfecting solution BESIDES recommended cleaner.

OK = Available agent

N/A = Not Available



Refer to User Manual

<https://customer-doc.cloud.gehealthcare.com/#/cdp/dashboard>

Probe handling and infection control

This information is intended to increase user awareness of the risks of disease transmission associated with using this equipment and provide guidance in making decisions directly affecting the safety of the patient as well as the equipment user.

Diagnostic ultrasound systems utilize ultrasound energy that must be coupled to the patient by direct physical contact. Depending on the type of examination, this contact occurs with a variety of tissues ranging from intact skin in a routine exam to recirculating blood in a surgical procedure. The level of risk of infection varies greatly with the type of contact.

One of the most effective ways to prevent transmission between patients is with single use or disposable devices. However, ultrasound transducers are complex and expensive devices that must be reused between patients. It is very important, therefore, to minimize the risk of disease transmission by using barriers and through proper processing between patients.



CAUTION Risk of Infection. ALWAYS clean and disinfect the probe according to the probe specific instructions including probe compatible chemicals between patients to the level appropriate for the type of examination and use FDA-cleared probe sheaths where appropriate.



CAUTION Adequate cleaning and disinfection are necessary to prevent disease transmission. It is the responsibility of the equipment user to verify and maintain the effectiveness of the infection control procedures in use. Always use sterile, legally marketed probe sheaths for intra-cavitary and intra-operative procedures.



CAUTION To minimize the risk of infection from blood-borne pathogens, you must handle the probe and all disposables which have contacted blood, other potentially infectious materials, mucous membranes, and non-intact skin in accordance with infection control procedures. You must wear protective gloves when handling potentially infectious material. Use a face shield and gown if there is a risk of splashing or splatter.

Ultrasound Systems

<https://cleaning.gehealthcare.com/>

Expected Update: FW16 Monday, April 13th

Probe Care Cards

The Probe Care Card contains a list of chemicals that have been tested for compatibility with GE Ultrasound probes. The Probe Care Card is supplied with every probe and can also be downloaded from:

Table 11-7: Documentation and Probe Web Links

Support Documentation Library Web Site:
http://www3.gehealthcare.com/en/Support/Support_Documentation_Library
Ultrasound Probe Web Site
http://www3.gehealthcare.com/en/products/categories/ultrasound/ultrasound_probes

Adequate cleaning and disinfection between patient cases are necessary to prevent disease transmission. All probes must be thoroughly cleaned prior to disinfection. The level of disinfection required is based on patient contact.

- Probes that contact mucosal or non-intact skin require cleaning followed by high-level disinfection by either soaking or use of a Trophon EPR.
- Probes that contact intact skin require cleaning followed by intermediate-level disinfection (wipe or spray).

Perform After Each Use

Ultrasound probes can be disinfected using liquid chemical disinfectants. The level of disinfection is directly related to the duration of contact with the disinfectant. Increased contact time produces a higher level of disinfection. Refer to the Probe Care Card that was shipped with each LOGIQ S8 probe.



