

LOGIQ™ E10

How can it help in managing patients with respiratory conditions?

Power Assistant Portability

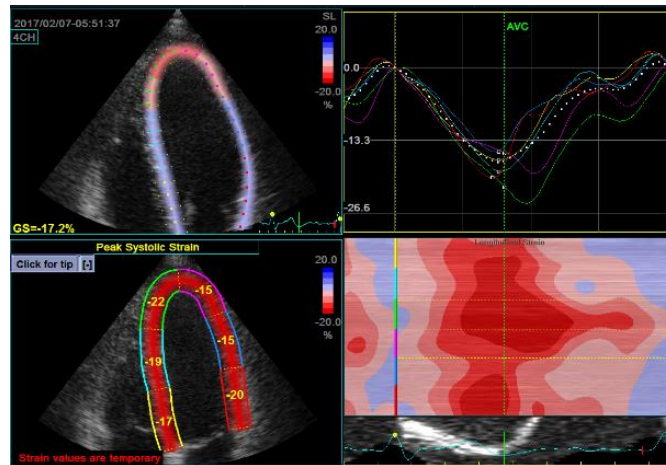
- **Power Assistant** is an innovative solution that provides the system battery power during transport to help decrease system shut-down and reboot time – helping achieve excellent productivity for excellent portable exams



- **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 , Tricify™
- **Portability**
- **Auto EF & Cardiac Strain Support:** For quickly assessment of function and underlying disease

Cardiac Imaging: Auto EF & Cardiac Strain

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



XDclear™ Transducers

- The LOGIQ E10 system offers a **wide selection of probes** from our E-Series and XDclear probe lines to support a broad range of applications



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- **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:** Power Assistant
- **Easy cleanability and dedicated touch screen control** ideal for isolation wards and infection control
- **Auto EF & Cardiac Strain Support**
- **Scan Assistant & Compare Assistant** helps with quick acquisition and standardization of information and follow up
- **Raw data** for extracting additional information from previously acquired data

Raw Data Capabilities

- **Raw Data Capabilities** allows operator to extract additional information without extending the length of the examination limiting exposure



Compare Assistant

- **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 lung protocol or COVID patient exam protocol

Feature highlights

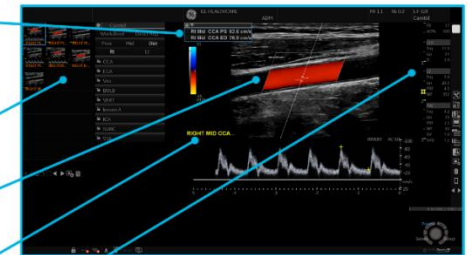
Initiates and completes user selected required measurements

Automatically reorders images to reader's preference

Automatically steers Color Doppler

Automatically inserts comments

Automatically sets up imaging controls and modes



LOGIQ™ E10

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>

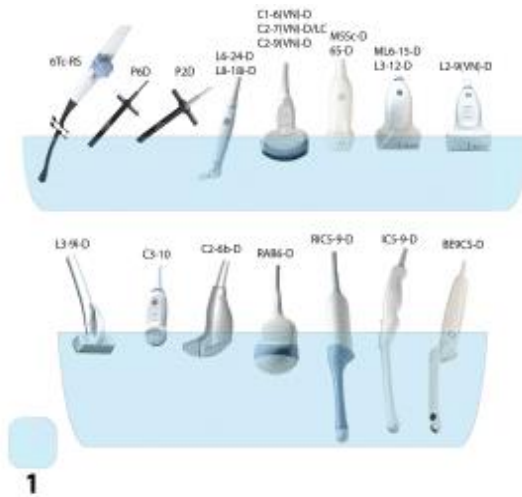


Figure 11-14: Probe Immersion Levels, 1 = Fluid Level

System Care and Maintenance

Cleaning and Disinfecting the system

These cleaners/disinfectants can be used anywhere on the console (Operator Panel, Monitor, Probe Holders, etc.), except for the probes. Refer to 'Probe Disinfectants' on page 11-48 for probe disinfectant information and web links.

Always consult the cleaner or disinfectant manufacturer's instructions for proper use of their product. Wear appropriate PPE as indicated by the manufacturer.

Appropriate cleaners/disinfectants for the console that have been validated for compatibility are shown below:

Table 12-19: Appropriate Cleaners/Disinfectants

Product	Manufacturer	Notes	Chemistry	Locale	Cleaner/Disinfectant
Mild Soap					Cleaner
Alcohol (Isopropanol) 70%	Generic		Alcohol	Global	Disinfectant
Cavivipes 1	Metrex Research, LLC.		Quaternary ammonium compound (QUAT) + Alcohol	US	Cleaner/Disinfectant
Cleanisept Wipes	Dr. Schumacher GMBH	Same as GE branded Septiwipe	Quat	Europe	Cleaner/Disinfectant
Clinell Universal Sanitizing Wipes	GAMA Healthcare		Quat+ Polyhexanide (PHMB)	Europe	Cleaner/Disinfectant
Clorox Healthcare Bleach Germicidal Wipes	Clorox Professional	Same formula as Clorox Clorox Wipes	Bleach	US Canada Europe	Cleaner/Disinfectant
Mikrobac Tissues	BODE Chemie GmbH		Quat	Europe	Cleaner/Disinfectant
Mikrozid Sensitive Wipes	Schülke & Mayr GmbH	Same formula as Acryl-Des wipes	Quat	Europe	Cleaner/Disinfectant
Oxivir TB Wipes	Sealed Air		H2O2	US Canada	Cleaner/Disinfectant

Table 12-19: Appropriate Cleaners/Disinfectants (Continued)

Product	Manufacturer	Notes	Chemistry	Locale	Cleaner/Disinfectant
Sani-Goth AF3 Germicidal Disposable Wipe	Professional Disposables Inc. (PDI)		Quat	US	Cleaner/Disinfectant
Sani-Goth Bleach Germicidal Disposable Wipe	Professional Disposables Inc. (PDI)		Bleach	US	Cleaner/Disinfectant
Sani-Goth HB Germicidal Disposable Wipe	Professional Disposables Inc. (PDI)		Quat	US	Cleaner/Disinfectant
Sani-GothPlus Germicidal Disposable Cloth	Professional Disposables Inc. (PDI)	Same Formula as Asepti Wipes II	Quat + Alcohol	US	Cleaner/Disinfectant
Sani-Goth Prime Germicidal Disposable Cloth	Professional Disposables Inc. (PDI)		Quat + Alcohol	US	Cleaner/Disinfectant
SONO ULTRASOUND WIPES	Advanced Ultrasound Solutions, Inc.		Quat	US	Cleaner/Disinfectant
Super Sani-Goth Germicidal Disposable Wipes	Professional Disposables Inc. (PDI)		Quat + Alcohol	US	Cleaner/Disinfectant
Tristel Distel	Tristel		Quat+PHMB	Europe	Cleaner/Disinfectant



LOGIQ™ E10

Refer to User Manual

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

Probe Care Cards

The Probe Care Card contains a list of chemicals that have been tested for compatibility with GE Ultrasound probes. The reprocessing instructions provided in this document have been validated with the chemicals specified in Table 11-10 on page 11-41.

The Probe Care Card is supplied with every probe and can also be downloaded from:

Table 11-8: Documentation Web Site

Support Documentation Web Site
http://www3.gehealthcare.com/en/Support/Support_Documentation_Library

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 or Trophon2. Verify probe compatibility on the GE probe website shown below.
- Probes that contact intact skin require cleaning followed by Intermediate-Level Disinfection (wipe or spray).

Ultrasound Systems

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

Probe Disinfectants

Choosing a Disinfectant

NOTE: For latest chemicals tested for compatibility, check the GE Probe Website at

Table 11-12: Probe Web Links

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

When choosing a disinfectant, determine the required level of disinfection. If the possibility of cross-contamination or exposure to unhealthy or non-intact skin exists, then high level disinfection should be performed. Good hand hygiene practice is highly recommended to help further reduce the risk of cross-contamination.



