



VIEWMATE™ MULTI ULTRASOUND SYSTEM

STREAMLINE YOUR IMAGING
WORKFLOW WITH A NEW
INTUITIVE TOUCHSCREEN,
SMART BUTTONOLOGY,
AND OTHER ENHANCEMENTS



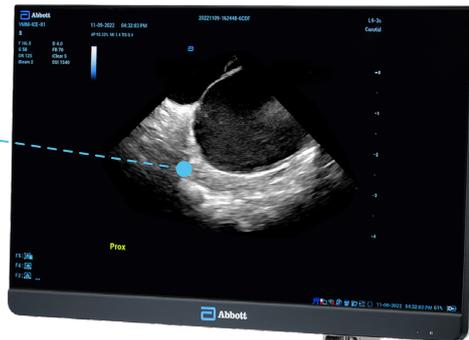
Designed with the unique needs of EP in mind, the ViewMate™ Ultrasound Console has been trusted by clinicians around the globe for over a decade.

MEET THE NEW VIEWMATE™ MULTI ULTRASOUND SYSTEM

Our next-generation system delivers superb image quality across the entire field and intuitive touch-screen capabilities, all on a robust platform built for 4D ICE capabilities

LARGER SCREEN

with rich and intuitive interface



EASIER VIEWING

Display swivels 180 degrees

NEW TOUCH PANEL

enables gesture control

REDESIGNED CONTROL PANEL

20% fewer buttons*, better control for easy case annotation



TRANSDUCER STORAGE

now more elevated for easier access

MORE COMPACT

Collapsible for small footprint and better portability

BOOSTED PROCESSING POWER

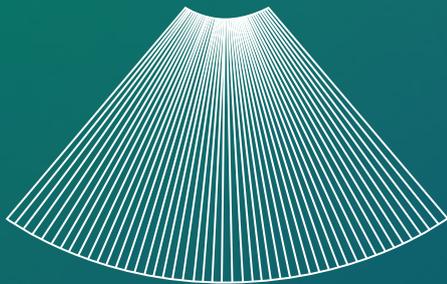
Faster performance today and 4D ICE processing**

OUR PATENTED ZONE SONOGRAPHY[‡] TECHNOLOGY DELIVERS OUTSTANDING IMAGING^{***}

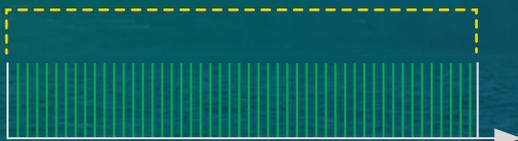
- Visualize cardiac structures, blood flow, and devices within the heart¹
- Enhanced far-field resolution enables assessment of distal structures such as the left pulmonary veins and left ventricle.

How Zone Sonography lets you SEE MORE CLEARLY

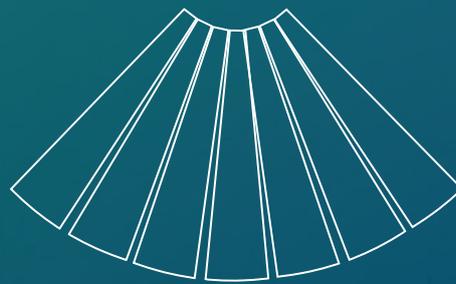
CONVENTIONAL



Time to create ultrasound image

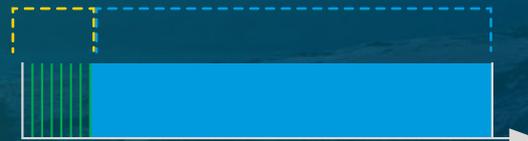


ZONE SONOGRAPHY[‡]



Time to create ultrasound image

Additional time for advanced models



BENEFITS OF ZONE SONOGRAPHY

Line-by-line acquisition

Large zone acquisition

10X FASTER

Single imaging

Simultaneous imaging, dual modes is possible

IMPROVED EFFICIENCY

Hardware-based

Software-based

COST-EFFECTIVE UPGRADES

A POWERFUL COMBINATION: PREMIUM IMAGE QUALITY HELPS STREAMLINE PROCEDURES

Used in combination with the ViewMate™ Multi Ultrasound System, the **VIEWFLEX™ XTRA ICE CATHETER** provides seamless single-handed maneuverability, allowing physicians to focus more on the procedure and less on catheter manipulation.

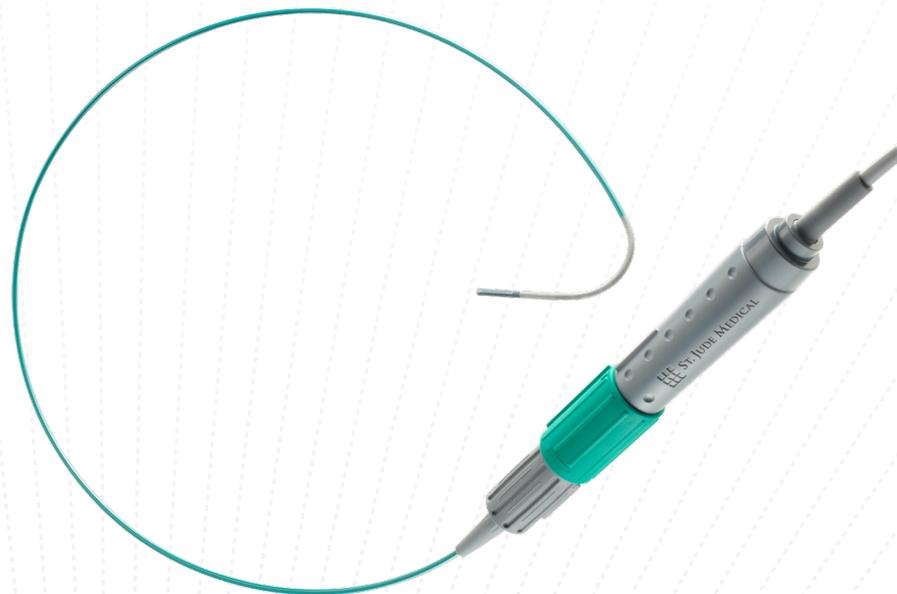
- Ergonomic handle with auto-lock steering allows for single-handed operation, which can minimize catheter repositioning¹.
- Extended catheter reach on the distal curve assists in right ventricular access².
- Four-way tip deflection enables optimal viewing planes.
- Integrated connector streamlines setup by eliminating the need for a sterile sleeve.



Image generated from the ViewFlex™ Xtra ICE Catheter showing a device crossing the septum into the left atrium (post-transseptal puncture)



Image of the left pulmonary veins (with blood flow from veins as denoted in orange) as viewed from the right atrium using the ViewFlex™ Xtra ICE Catheter



“ Image quality is paramount, and Abbott’s newest system delivers superb clarity in a smart, well-engineered console. ”

~ Dr. Mansour Razminia
Electrophysiologist | Chicago, IL

CLARITY AND VERSATILITY FROM A FULLY-FEATURED SYSTEM

- The ViewMate™ Multi Ultrasound System features **COMPREHENSIVE IMAGING CAPABILITIES** that can eliminate the need for additional imaging equipment being transported to the lab¹
- **MULTI-TRANSDUCER PORT CONNECTS FOUR TRANSDUCERS SIMULTANEOUSLY**, which allows for quick selection of transducer based on clinical need (ICE, Transthoracic, Transesophageal and Vascular)
- Choose **MULTIPLE IMAGING MODES** (2-D, M-Mode, Pulsed Wave, Continuous Wave, Color Doppler, Tissue Doppler Imaging^{**})
- **4D ICE CAPABLE** with a software upgrade^{**}



20% FEWER BUTTONS on the panel make it more intuitive and adaptable to your workflow

E-INK BUTTONS allow you to customize and streamline the workflow to your personal preference

NOW EASIER AND MORE EFFICIENT

- Wi-Fi ready out of the box for seamless integration with your lab network.
- Rapid boot-up time enables quick start to imaging.
- Networking compatibility with most hospital PACS servers.
- 2-hour battery pack eliminates the need to power down when moving the system.
- Software-based architecture allows for easy upgrades.

SMART AND SECURE

CYBERSECURITY IS AT THE HEART OF THE VIEWMATE™ MULTI ULTRASOUND SYSTEM'S DESIGN

Data security is paramount, so the ViewMate™ Multi Ultrasound System features many best-in-class protections:



ENCRYPTION/TRANSIT DATA PROTECTION: ViewMate™ Multi Ultrasound System's hard drive supports AES-256 bit data encryption to protect data at rest and uses TLS1.2 and Secure DICOM to protect data in transit.



ROBUST USER ACCOUNT MANAGEMENT: In addition to providing strong password protection, ViewMate™ Multi Ultrasound System also supports password complexity and account lockout to comply with customer account management policies. The system can also integrate with customer managed Lightweight Directory Access Protocol (LDAP) or support stand-alone Role Based Access Controls (RBAC).



APPLICATION AUDIT LOGS: The application logs select security events including, but not limited to, login attempts, user history and deactivation, and user changes to data and parameter values. Audit logs are exportable using FTP or USB if not connected.



ANTI-VIRUS SOFTWARE to prevent, detect and remove threats to the system's hard drive.

*Compared to previous ViewMate™ Multi Console
**With a software upgrade when available
***When paired with a ViewFlex™ Xtra ICE Catheter

1. Abbott. Data on File. Report 90094426.
2. Abbott. Data on File. Report 90089784.

CAUTION: This product is intended for use by or under the direction of a physician. Prior to use, reference Instructions for Use, inside the product carton (when available) or at manuals.sjm.com or eifu.abbottvascular.com for more detailed information on Indications, Contraindications, Warnings, Precautions and Adverse Events.

United States – Required Safety Information

Indications for Use: ViewMate Multi Ultrasound System VMM-ICE-01 is applicable for adults, pregnant women, pediatric patients and neonates. It is intended for use in Abdominal, Intra-operative (abdominal, thoracic, and vascular), Pediatric, Small Organ (Thyroid, Breast, Testes), Neonatal Cephalic, Adult Cephalic, Musculo-skeletal (Conventional, Superficial), Cardiac Adult, Cardiac Pediatric, Trans-esoph. (Cardiac), Intra-cardiac and Peripheral vessel exams. Modes of operation include: B, M, PWD, CWD, Color Doppler, Amplitude Doppler, Combined mode (B+M, PW+B, Color+B, Power+B, PW+Color+B, Power+PW+B), Tissue Harmonic Imaging, TDI, Color M. This device is a general-purpose diagnostic ultrasound system intended for use by qualified and trained healthcare professionals for ultrasound imaging, measurement, display and analysis of the human body and fluid, which is intended to be used in a hospital or medical clinic. **Warnings:** The ultrasound probe is only for use with the specified ultrasound diagnostic system. Please reference manual for full list of warnings. **Precautions:** The system must be used only by qualified medical professionals. Please reference manual for full list of precautions. **Potential Adverse Events:** Although temporary intracardiac catheter sonography procedures have been proven to be safe, the physician should also be aware that complications can occur with the use of any cardiac catheter. Please reference the instructions for use of any catheter prior to use to understand potential adverse events associated with that specific device.

Indications: The ViewFlex™ Xtra ICE catheter is indicated for use in adult and adolescent pediatric patients to visualize cardiac structures, blood flow and other devices within the heart. **Contraindications:** The ViewFlex™ Xtra ICE catheter is contraindicated if there is an occurrence of conditions which create unacceptable risk during catheterization. The ViewFlex™ Xtra ICE catheter is contraindicated if the patient has a mechanical tricuspid valve (a prosthetic tissue valve is permissible). The ViewFlex™ Xtra ICE catheter is contraindicated if the patient has any condition that, in the opinion of the investigator, contraindicates the placement and use of the cardiac catheter or internal ultrasound. The ViewFlex™ Xtra ICE catheter is contraindicated if the patient has ongoing sepsis or known hypercoagulable state where the catheter could serve as a focal point for septic or bland thrombus formation. **Warnings:** The ViewFlex™ Xtra ICE catheter is to be used only with the ViewFlex™ Catheter Interface Module, the ViewMate™, the ViewMate™ Multi, and the Philips® CX50 ultrasound consoles. Any other use or inappropriate electrical connection may pose a serious risk to patient safety. The ViewFlex™ Xtra ICE catheter includes a 9F shaft. The physician should consider anatomical size restrictions if considering use of the ViewFlex™ Xtra ICE catheter on pediatric patients. The ViewFlex™ Xtra ICE catheter is to be used for ultrasound imaging only. **Cautions and Precautions:** Do not bend, kink, stretch, or forcefully wipe the catheter. These actions may damage the catheter. Have antiarrhythmic drugs, an external defibrillator, and respiratory assist equipment available in case of complications during the use of this device. **Potential Adverse Events:** Although temporary intracardiac catheter sonography procedures have been proven to be safe, the physician should also be aware that complications can occur with the use of any cardiac catheter. Risks that may be associated with the use of the ViewFlex™ Xtra ICE catheter are those that may be encountered with the introduction and placement of any temporary cardiac catheter or pacing lead. Additional risk may also be incurred as a result of the delivery of electrical energy during internal defibrillation. Specific risks include, but are not limited to: bleeding, hematoma or thrombus at the catheter introduction site, cardiac irritability, catheter kinking or excessive bending, infection/sepsis, and intercostal or phrenic nerve stimulation. Reference device Instructions for Use for full list of warnings, precautions, and potential complications

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™ Indicates a trademark of the Abbott group of companies.
‡ Indicates a third party trademark, which is property of its respective owner.
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23-76965 MAT-2304153 v1.0 | Item approved for global use.

