

## Contact

### Customer Support

Call 1-844-854-0800  
Email [support@echonous.com](mailto:support@echonous.com)

**Caution:** Federal (United States) law restricts this device to sale by or on the order of a physician.

**Note:** Not all features are available in all markets. Reference the user guide of your region or country for all available features before use.



P006443-007 Rev A

A Product of Echonous

**For US only \*** Kosmos Trio is a real-time automatic image labeling, grading and guidance system to enable the collection of images by healthcare practitioners. The AI-assisted EF Workflow uses AI to perform initial EF calculations by healthcare practitioners. Kosmos AI FAST uses an AI algorithm to detect and display real-time labeling of anatomical structures. Kosmos Trio, AI-assisted EF Workflow, and Kosmos AI FAST are intended to be used by qualified healthcare professionals or under the supervision or in-person guidance of a trained or licensed healthcare professional. Kosmos Trio, AI-assisted EF Workflow and Kosmos AI FAST address urgent image analysis needs during the declared COVID-19 public health emergency. Kosmos Trio, AI-assisted EF Workflow and Kosmos AI FAST have not been cleared by the FDA.

**For Canada only \*** Kosmos Trio is not available. AI FAST is not available for Canada.

**For European Union only \*** Kosmos Trio is approved for educational and training purposes only and is not approved for clinical use. AI FAST is not available for EU.



## Quick Guide

# Kosmos Torso-One

## Homescreen

- 1 AI-Assisted EF Workflow\*
- 2 Imaging  
(Heart, Lung, and Abdomen)



# Imaging



## B-Mode

- 1 B+CD-Mode
- 2 Freeze
- 3 B+M-Mode



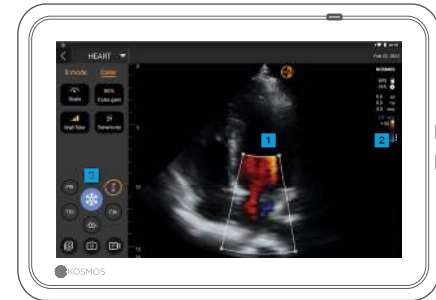
## Freeze

- 1 Calculations
- 2 Annotations
- 3 Unfreeze



## B+M-Mode

- 1 Turn off M-mode
- 2 M-line  
*Drag to move*



## B+CD-Mode

- 1 Color Box  
*Move and resize the box by dragging*
- 2 Select Color Map
- 3 Turn off Color Doppler

# Kosmos AI



## Kosmos Trio\*\*

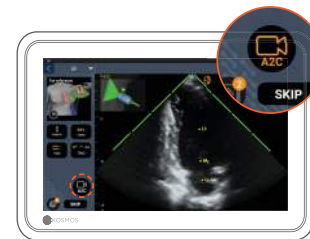
Select a cardiac view and activate Trio features including:

- 1 Auto-Guidance
- 2 Auto-Grading
- 3 Auto-Labeling
- 4 Auto-Capture



## Kosmos AI FAST\*\*

1 AI FAST provides automated anatomical labeling and view identification for the FAST Exam in real time.



## AI-assisted EF Workflow\*

1 Obtain a good A4C view and tap A4C to acquire a clip (option to skip A2C).



2 Kosmos selects the ED and ES frames, draws the corresponding LV contours, and calculates the EF.

Cardiac output and heart rate values are available with ECG attached (optional with Torso).

3 Click on the thumbnails/edit button to edit.



You can edit as needed:

- 4 Select a different ED/ES frames.
- 5 Adjust the LV contour.