### Specifications

#### Main Unit
- **Name**: FUJIFILM FC1 "Ultrasound Diagnostic Imaging System"
- **Model**: FC1
- **Display method**: Touch-screen LCD
- **Power supply**: AC 100 - 240V, 50 - 60Hz, 2.5A - 1.2A maximum
- **Input**: 12.1 inch LCD
- **Output**: B-mode, M-mode, color Doppler, power Doppler, PW mode, CW mode
- **Software**: DICOM software, B&W printer, USB memory stick, barcode reader, FC series stand, TTC unit, footswitch, ECG set, TDI (PW) software, Steep Needle Profiling software

#### Monitor
- **Scanning method**: Linear scanning/convex scanning/sector scanning
- **Power supply**: AC 100 - 240V, 50 - 60Hz, 2.5A - 1.2A maximum
- **Input**: 12.1 inch LCD
- **Output**: B-mode, M-mode, color Doppler, power Doppler, PW mode, CW mode

#### Transducers
- **Applications**: abdominal, small parts, vascular, carotid, cardiac, renal, neonatal, musculoskeletal, gynecology, fetal heart, orthopedic, dental, pediatric, urology
- **Frequency**: 5-1 MHz, 8-3 MHz, 8-5 MHz, 9-5 MHz, 10-5 MHz, 13-6 MHz, 15-6 MHz, 20-8 MHz
- **Gain**: 0 - 60 dB
- **Display**: High-resolution, high-contrast, high-sensitivity

### Advanced Image Processing
- **MPU processor**: FUJIFILM's powerful 512-core image processing MPU reduces noise for high-quality tissue images.
- **Speed of sound corrections**: can be performed on elemental data for better image resolution.
- **Speckle reduction**: FUJIFILM's proprietary Image Intelligence technology to suppress speckles for improved contrast resolution.

### Applications
- **Abdominal**: scanning of the liver, kidneys, spleen, pancreas, gallbladder, and retroperitoneal structures.
- **Small parts**: scanning of the breast, thyroid, and joints.
- **Vascular**: scanning of the carotid, femoral, popliteal, and other peripheral arteries and veins.
- **Cardiac**: scanning of the heart, including the aorta, mitral valve, and pulmonary veins.
- **Pediatric**: scanning of the abdomen, thorax, and extremities in children.
- **Neonatal**: scanning of the abdomen and thorax in neonates.
- **Musculoskeletal**: scanning of the musculoskeletal system, including the bones and joints.
- **Gynecology**: scanning of the uterus, ovaries, and pelvic organs.
- **Fetal heart**: scanning of the fetal heart and other cardiac structures.
- **Orthopedic**: scanning of the joints and bones in the musculoskeletal system.
- **Dental**: scanning of the teeth and oral structures.

### Application Notes
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- © 2015 FUJIFILM SonoSite, Inc. All rights reserved.
- This manual is intended for educational and illustrative purposes only. It is not intended for clinical use.
- For more information, please contact your local FUJIFILM representative.
Moving into a new era for ultrasound diagnostics.

With a proven track record in medical imaging, FUJIFILM has partnered with SonoSite, an innovator and world leader in bedside ultrasound, to bring you more possibilities in ultrasound diagnosis.

The FC1 system offers you advanced image processing, a compact design, and expandable features that can grow with your practice.

**Hybrid User Control**

The combination of a large touchscreen with persistent keys for routine functions allows the FC1 system to be adapted to your clinical needs. Titled the auto-image button, this feature can be used to navigate through more complex measurements and calculations.

**User-Defined Exam Presets**

Develop your own exam presets for each transducer. The FC1 system provides you with several options to create and adjust exam preset combinations, so you can set it up as the default.

**Programmable Buttons**

Four easy-to-locate function keys can be quickly programmed to be the most common functions you need today and in the future.

**Image Optimization**

The auto-image button adapts to different body habitus to enable high-quality images with a push of a button.

**Transducers**

SonoSite-manufactured transducers are subject to rigorous testing standards, including a 3 foot (91.4 cm) drop test. The proprietary design offers excellent durability and reliability. The 5-year warranty offers peace of mind.

**Light and compact**

The lightweight, compact design allows for easy handling and a single thousand for easy image viewing.

**Integrated handle**

The large, integrated handle distributes system weight to easily transport.

**Rapid Boot-up Time**

System startup in approximately 30 seconds from a fully powered-off state.
**Specifications**

**Name**
FUJIFILM FC1 "Ultrasound Diagnostic Imaging System"

**Display**
12.1 inch LCD

**Power Supply**
- AC 100 - 240V, 50 - 60Hz, 2.5A - 1.2A maximum

**Option**
- B-mode, M-mode, color Doppler, power Doppler, PW mode, CW mode
- DICOM software, B&W printer, USB memory stick, barcode reader, FC series stand, TTC unit, footswitch, ECG set, TDI (PW) software, Steep Needle Profiling software

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**Monitor**

<table>
<thead>
<tr>
<th>Scanning method</th>
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<tr>
<td>Linear scanning/convex scanning/sector scanning</td>
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**Transducers**

<table>
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<tr>
<th>Applications: abdominal, small parts, cardiac, thyroid, breast, vascular, carotid, arterial, venous, musk, pediatric, nerve, neonatal, urology</th>
<th>15-6 MHz Linear</th>
<th>Scan depth: 8 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applications: abdominal, small parts, cardiac, carotid, arterial, venous, musk, pediatric, nerve, neonatal, urology</td>
<td>13-6 MHz Linear</td>
<td>Scan depth: 6 cm</td>
</tr>
<tr>
<td>Applications: abdominal, small parts, cardiac, carotid, arterial, venous, musk, pediatric, nerve, neonatal, urology</td>
<td>10-5 MHz Linear</td>
<td>Scan depth: 9 cm</td>
</tr>
<tr>
<td>Applications: abdominal, small parts, cardiac, carotid, arterial, venous, musk, pediatric, nerve, neonatal, urology</td>
<td>13-6 MHz Linear</td>
<td>Scan depth: 18 cm</td>
</tr>
<tr>
<td>Applications: abdominal, small parts, cardiac, carotid, arterial, venous, musk, pediatric, nerve, neonatal, urology</td>
<td>8-5 MHz Curved</td>
<td>Scan depth: 14 cm</td>
</tr>
<tr>
<td>Applications: abdominal, small parts, cardiac, carotid, arterial, venous, musk, pediatric, nerve, neonatal, urology</td>
<td>5-2 MHz Curved</td>
<td>Scan depth: 29 cm</td>
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<td>Applications: abdominal, small parts, cardiac, carotid, arterial, venous, musk, pediatric, nerve, neonatal, urology</td>
<td>8-3 MHz Curved</td>
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<td>5-1 MHz Phased</td>
<td>Scan depth: 29 cm</td>
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MKT02686  06/2015
Moving into a new era for ultrasound diagnostics.

With a proven track record in medical imaging, FUJIFILM has partnered with SonoSite, an innovator and world leader in bedside ultrasound, to bring you more possibilities in ultrasound diagnosis.

The FC1 system offers advanced image processing, a compact design, and expandable features that can grow with your practice.

**Light and compact**

The lightweight, compact design makes the FC1 system easy to move and use.

**Integrated handle**

The integrated handle distributes system weight to simplify transport.

**Rapid Boot-up Time**

System startup in approximately 30 seconds from a fully powered-off state.

**Transducers**

SonoSite-manufactured transducers are subject to rigorous testing standards, including a 3 foot (91.4 cm) drop test. The proprietary design offers excellent durability and reliability.

**Features**

- Advanced image processing
- Compact design
- Programmable buttons
- User-defined exam presets
- Hybrid user control
- Image optimization

**User-Defined Exam Presets**

Develop your own exam presets for each transducer. The FC1 system provides you with several options to create and adjust exam protocols, and you can set it as the default.

**Transducers**

The FC1 system offers a variety of transducers, each with its own specifications.

**Programmable Buttons**

Four easy-to-locate function keys can be quickly programmed to be the functions you need today and in the future.

**Image Optimization**

The auto image button adapts to different body habits to enable high-quality images with a push of a button.

**User-Defined Exam Presets**

Develop your own exam presets for each transducer. The FC1 system provides you with several options to create and adjust exam protocols, and you can set it as the default.

**Hybrid User Control**

The combination of a large touchscreen with persistent keys for routine functions allows the FC1 system to adapt to your clinical needs. Taped the auto button to scroll through preset examination protocols. You can also navigate through more complex measurements and calculations.

**Programmable Buttons**

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- **FC Series Stand**
  - The combination of a large touchscreen with persistent keys for routine functions allows the FC1 system to adjust to your clinical needs. Tapped the FC button to quickly return to a reference image or navigate through more complex measurements and calculations.

- **Hybrid User Control**
  - You can customize the large touchscreen with persistent keys for routine functions. The FC1 system provides you with several options to create and adjust exam presets. You can easily change system settings to suit your needs.

- **User-Defined Exam Presets**
  - Develop your own exam preset for each transducer. The FC1 system provides you with several options to create and adjust exam presets. You can easily change system settings to suit your needs.

- **Programmable Buttons**
  - Four easy-to-locate function keys can be quickly programmed to be the most common functions you need today and in the future.

- **Image Optimization**
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- **User-Defined Exam Presets**
  - Develop your own exam preset for each transducer. The FC1 system provides you with several options to create and adjust exam presets. You can easily change system settings to suit your needs.

- **Programmable Buttons**
  - Four easy-to-locate function keys can be quickly programmed to be the most common functions you need today and in the future.

- **Light and compact**
  - The lightweight, compact design allows you to easily transport the FC1 system with a large display for easy image viewing.

- **Integrated handle**
  - The large, integrated handle distributes system weight for easy transport.

- **Rapid Boot-Up Time**
  - System ready in approximately 90 seconds from a fully powered-on state.

- **Transducers**
  - SonoSite-manufactured transducers are subject to rigorous testing standards, including a 3-foot (91.4 cm) drop test. The proprietary design offers excellent durability and reliability. The 5-year warranty offers you peace of mind.

- **FC Series Stand**
  - **FC Series Stand**
    - FC1 main unit can be attached/detached with a one touch operation.
    - Light and compact design allows you to easily transport the FC1 system with a large display for easy image viewing.
    - Integrated handle distributes system weight for easy transport.
    - Rapid Boot-Up Time: System ready in approximately 90 seconds from a fully powered-on state.
**Specifications**

- **Name:** FUJIFILM FC1 "Ultrasound Diagnostic Imaging System"
- **Power Supply:**
  - AC 100 - 240V, 50 - 60Hz, 2.5A - 1.2A maximum
- **Applications:**
  - B-mode, M-mode, color Doppler, power Doppler, PW mode, CW mode
  - DICOM software, B&W printer, USB memory stick, barcode reader,
    FC series stand, TTC unit, footswitch, ECG set, TDI (PW) software,
    Steep Needle Profiling software

**External Dimensions:**
- Monitor: 12.1 inch LCD
- Linear scanning/convex scanning/sector scanning

**Monitor**

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<td>9-5 MHz Curved</td>
<td>Ob, gynecology</td>
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*High-definition imaging*

Advanced image processing

MPU processor

Speed of sound correction

Speckle reduction (SRI) technology

The system leverages FUJIFILM’s proprietary Image Intelligence technology to suppress speckles for improved contrast resolution.

FUJIFILM FC1’s powerful, 512-core image processing MPU reduces noise for high-quality tissue images.

*Optimized for a broad number of applications*

Cardiac Carotid Artery

**HIGH-DEFINITION IMAGING**

**FUJIFILM FC1 step into the future**

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