DRYPIX Smart Specifications

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<th>Standard Components</th>
<th>Fuji MEDICAL Dry Laser Imager DRYPIX Smart (Model: DRYPIX 6000)</th>
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<td>Ref. No.</td>
<td>XB-1012E (SK·13·02·F1079·F9711) Printed in Japan ©2013 FUJIFILM Corporation</td>
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### System Configuration

- **Console Advance CT**
- **Non-DICOM Modality**
- **DRYPIX LINK**
- **DICOM Storage**

### Specifications

**Dimensions** (Unit: mm)

- Width: 518
- Depth: 630
- Height: 893

**Power Supply Conditions**

- Input Voltage: 100-240V
- Frequency: 50-60Hz

**Environmental Conditions**

- Operating Temperature: 15-30°C
- Humidity: 40-70%RH (at 15°C) to 15-70%RH (at 30°C)

### Processing Capacity

Approx. 80 sheets/hour

### Film Type

2 trays (5 sizes of film are available by changing film trays)

### Processing Speed

Approx. 55 sheets/hour (508 dpi)

### Film Loading

- DI-HL (blue base)
  - 35 x 43 cm (14” x 17”)
  - 35 x 35 cm (14” x 14”)
- DI-ML (blue base)
  - 26 x 36 cm (10” x 14”)
  - 25 x 30 cm (10” x 12”)
- 20 x 25 cm (8” x 10”)

### Density Adjustment

Automatic

### Image Memory

1GB

### Film Memory

1 channel only

### Recording Method

Laser exposure thermal development system

### Recording Gradation

14 bits

### Applicable Film

- Fuji Medical Dry Imaging Film
- DI-HL (blue base)
- DI-ML (blue base)

### Pixel Size

50 µm (508 dpi)/100 µm (254 dpi)

### Operating Environment

- Temperature: 15-30°C
- Humidity: 40-70%RH (at 15°C) to 15-70%RH (at 30°C)

### Weight

104 kg (229.3 lbs.)

### DICOM Network Input

- 1 channel only
The most advanced DRYPIX has arrived, assisting smooth diagnoses

DRYPIX Smart, backed by Fujifilm’s extensive experience in dry imaging, always delivers superior quality images to satisfy various needs of multi-department hospitals. Despite its compact size, enabling use anywhere in a medical facility, throughput is extremely high with no compromise on image quality.

![Image processing engine which provides high-quality images](image)

**High resolution and high maximum density**

Offering high resolution of 508 dpi and a maximum density of 4.0*, the DRYPIX Smart is ideal for mammography which requires high definition images.

*When the DI-ML film is used.

**Compact and highly efficient**

**High throughput**

DRYPIX Smart boasts a world-class high throughput speed of 80 sheets per hour with 14” X 17” film. It will help reduce the patient’s waiting time and greatly increase the efficiency of examination workflow.

**Two trays to achieve more versatility**

The DRYPIX Smart accommodates multiple film sizes. It is equipped with two universal film trays which enable printing on two different film sizes at the same time.

**High quality images for more versatility**

**Image processing engine which provides high-quality images**

Advanced Variable Response (A-VR) Spline Interpolation Fujifilm’s A-VR automatically detects and distinguishes between image data and alphanumeric characters, ensuring clear, sharp alphanumeric even when noisy images require smooth interpolation of image data. Benefits include easier, faster and more accurate diagnosis.

- **Sharp Interpolation**

- **Wide Range Sharpness Control**

- **Character/Image Discriminator**

- **Output Image**

**Quality Control**

DRYPIX Smart prints a 24-step grayscale pattern to film, and then measures its density. This feedback system allows precise and subtle image adjustments (FDC: Auto Film Density Correction) to be made. Several kinds of test pattern images for the QC of mammograms are incorporated into DRYPIX Smart.

**SAR (Smooth Curve Arranging)**

Smooth Curve Arranging (SAR) on DRYPIX not only offers the most suitable image tones for modalities such as CT and MRI, but also allows adjustment of the tones to best match the diagnostic needs of individual patients. What’s more, SRT also carries information on a wide range of modalities from different manufacturers to enable precise matching of image tone to specific modality.

**ECO-DRY SYSTEM**

DRYPIX’s ECO-DRY system is environmentally friendly, films to processing.

**High throughput**

DRYPIX Smart’s high throughput speed of 80 sheets per hour with 14” X 17” film will help reduce the patient’s waiting time and greatly increase the efficiency of examination workflow.

**Two trays to achieve more versatility**

The DRYPIX Smart accommodates multiple film sizes. It is equipped with two universal film trays which enable printing on two different film sizes at the same time.

**Fuj Medical Dry Imaging Film**

The high quality DI-HL and DI-ML films contribute to producing clear images on the DRYPIX Smart. These films have a neutral color tone that produce images comparable to those made by wet processing.

**Throughput**

80 sheets/hr.

**Applicable for mammography (508 dpi)**

*With 14” X 17” film.

**2 trays**

*With 14” X 17” film.