Bermedi X-DRY
Laser Imager

Bermedi

High troughput

Bermedi X-DRY boasts a world-class high throughput speed of 80 sheets per hour with 35 x 43 cm (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

Bermedi X-DRY accommodates multiple film sizes. It is equipped with two universal film trays which enable printing on two different film sizes at the same time.

Bermedi Medical Dry Imaging Film

The high quality Bermedi XDI films contribute to producing clear images on the X-DRY Laser Imager. These films have a neutral color tone that produce images comparable to those made by wet processing.

High resolution and high maximum density

Offering high resolution of 508 dpi and a maximum density of 4.0, Bermedi X-DRY is ideal for high definition images.

Image processing engine which provides high-quality images

Bermedi's Advanced Variable Response automatically detects and distinguishes between image data and alphanumeric characters, ensuring clear, sharp alphanumerics even when noisy images require smooth interpolation of image data. Benefits include easier, faster and more accurate diagnosis.

Quality Control

Bermedi X-DRY prints a 24-step grayscale pattern to film, and then measures its density. This feedback system allows precise and subtle image adjustments (Auto Film Density Correction) to be made.

Smooth Curve Arranging

Smooth Curve Arranging on Bermedi X-DRY 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. It also carries information on a wide range of modalities from different manufacturers to enable precise matching of image tone to specific modality.

Highly efficient dry laser imager quickly offering excellent quality images for wider purposes

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Specifications

Standard Components	Bermedi X-DRY Laser Imager
Recording method	Laser exposure thermal development system
Applicable film	Bermedi XDI Dry Imaging Film 35 x 43 cm (14" x 17"); 100 sheet box 26 x 36 cm (10" x 14"); 150 sheet box 25 x 30 cm (10" x 12"); 150 sheet box 20 x 25 cm (8" x 10"); 150 sheet box
Film loading	Daylight film loading
Film tray	2 trays (4 sizes of film are available by changing film trays)
Processing capacity	Approx. 80 sheets/hour 35 x 43 cm (14" x 17")
Pixel size	50 µm (508 dpi)/100 µm (254 dpi)
Recording gradation	14 bits
Image memory	1 GB
Density adjustment	Automatic
Input channels	DICOM network input _ 1 channel only
Dimensions (W x D x H)	610 x 630 x 893 mm (24" x 25" x 35")
Weight	104 kg (229.3 lbs.)
Power Supply Conditions	Input voltage AC100-240V/ Single phase Frequency 50-60Hz
Environmental Conditions	Operating Conditions: • Temperature: 15-30°C • Humidity: 40-70%RH (at 15°C) to 15-70%RH (at 30°C) (No dew condensation)

Dimensions

Unit: mm (in.)