

SCANFLEX DATASHEET



Overview

The ScanFlex is an advanced flexible digital X-ray detector designed to contour around objects for direct contact imaging. Its innovative hinged design allows the TFT detector to move freely without sacrificing image quality or durability. This flexibility enables the detector to adapt to complex shapes, reducing distortion compared to flat DR panels.

Lightweight and easy to handle in the field, the ScanFlex is both rugged and sensitive, capturing high-quality images even with low exposures. With the ScanFlex, isotopes with low curies (under 30) still produce excellent weld images, helping to extend the lifespan of your sources and dramatically decrease exclusion zones.

Benefits

- Flexible detector that can be used on complex shaped objects
- Full contact on larger circumferences
- High sensitivity = low exposure dose
- Smaller Radiation Exclusion Zones due to lower dose exposures
- Allows for extended use of low curie gamma sources
- Wireless communication (with optional tether included)
- Battery powered (batteries and charger included)
- Light weight compact design
- Easy to use ScanView X software platform
- Ultra tough shock-proof composite material
- Pixel Pitch: 100 μm
- No Film or Chemicals



TECHNICAL INFORMATION

ScanFlex 1026

Size [in]

Imaging Area [mm²] 102.4 × 256 mm²

Dimensions [mm] [L xWxD]

Bending Range

Energy Range 40 - 450 kV

Technology Flexible TFT

Scintillator Gadox

Pixel Matrix Resolution 1024 × 2560

Pixel Pitch [μm] 100 μm

Spatial Resolution 5 lp / mm

AD Conversion 16 bit

Wireless Protocol WIFI

Operating Temp [C] -20 - 50°C

Dust And Water Proof IP67

Weight [Kg] ≤ 2.5 kg [FPD]
≤ 3.5 kg [FPD with ECU]

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