

DR

SYSTEMS

SCANRAY® F

**Flexible portable wireless digital radiography
system**





SCANRAY

SCANRAY® F

Parameter	SCANRAY® 1025F	SCANRAY® 1043F
Technology	Flexible TFT, a-Si	Flexible TFT, a-Si
Scintillator	Gadox	Gadox
Pixel pitch, μm	99	99
Pixel matrix, pixels	988 × 2524	988 × 4316
Image size, mm	98 × 250	98 × 427
Grayscale, bit	16	16
X-ray voltage range, kVP	40 - 450	40 - 450
Maximum exposure time, sec	180	180
X-ray sensor	AED	AED
Dimensions, mm	182 × 453 × 20	182 × 633 × 20
Weight, kg	1.5	1.7
Battery life, h	7	7
Dust and water resistance	IP67	IP67



Until today, industrial radiographic testing of pipelines and tanks is generally performed by conventional X-ray films or flexible imaging plates (Computed Radiography) due to their curved shooting surface. However, these control methods are causing inconvenience related to the long time of exposure and imaging processing procedures as well as dependence on the consumables.

SCANRAY® F is a system designed to eliminate image distortion of curved control objects, which is believed to be the biggest limitation of ordinary digital flat-panel detectors. Moreover, it supports both wire/wireless operation, and with slim thickness, lightweight, IP67, internal memory and the highest durability it will meet the maximum needs of the NDT market professionals.