

**INDUSTRIAL DIGITAL
RADIOGRAPHY
SYSTEM ON DDA
PLATFORM**



SCAN-RAY®

SCAN-RAY® SERIES & DR-SOFT®

Industrial portable flat panel detector **SCAN-RAY®** is a modern alternative to X-ray film in radiographic testing of any objects. Image is saved in digital format by DDA.

SCAN-RAY®

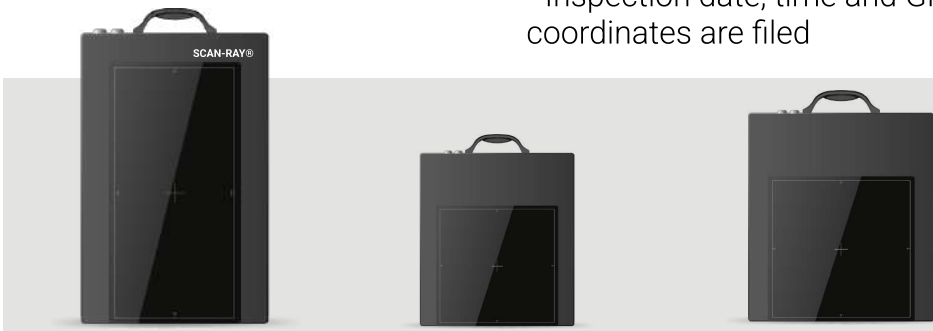
advantages vs X-ray film:

- Immediate control of weld joints
- All the benefits of digital data processing, storage and transfer
- Reduced NDT time
- No wet chemicals
- No film
- No darkroom
- Lower radiation dose
- Increased X-ray source lifetime
- Various options for corrosion monitoring

SCAN-RAY® systems are very useful for corrosion monitoring in various applications, where X-ray film can not be used (e.g., pipes with product, heat insulated pipes, corrosion monitoring under pipe supports).

DR-SOFT® Software for industrial digital radiography.

- Real-time X-ray image acquisition
- Exposure control, image processing and archiving
- X-ray image storage in DICOM data format (ASTM E2339-11)
- Data protection from tampering
- Compatibility with conventional image formats (tiff16, bmp, jpg)
- Image enhancement
- Inspection date, time and GPS coordinates are filed



INDUSTRIAL DIGITAL RADIOGRAPHY SYSTEM

SCAN-RAY®

Digital Radiography Systems	SCANRAY 12	SCANRAY 17	SCANRAY 23	SCANRAY 25	SCANRAY 35	SCANRAY 36
Digital Detector Array with a-Si TFT, Scintillator Gadox/CsI with installed Wi-Fi Module:						
- Image size (mm)	127 x 317	173 x 230	230 x 288	254 x 317	353 x 420	359 x 430
- Pixel pitch (micron)	124	75	75	124	100	140
Ruggedised case for FPD with accessories for installation on the NDT object	yes	yes	yes	yes	yes	yes
Spare batteries with a charger	yes	yes	yes	yes	yes	yes
Network unit for operation via an access point or a wired Gigabit Ethernet connection (7 m long)	yes	yes	yes	yes	yes	yes
Ruggedised tablet with IP67 protection with preinstalled SCANRAY software	yes	yes	yes	yes	yes	yes
Portable laptop for viewing and storing Digital X-ray images with a charger	yes	yes	yes	yes	yes	yes
Shockproof shipping case	yes	yes	yes	yes	yes	yes





ABOUT US

DR-SYSTEMS develop, manufacture and take to market flat panel detector-based Digital Radiography (DR) systems for quick, reliable and efficient industrial X-ray inspection. DR-SYSTEMS international team of professionals in engineering, physics, modelling and imaging have developed innovative solutions in the advancement of DR technologies.

Portable Digital Radiography is the latest upgrading in Radiography. DR technology quickly transfers images to the computer so you can view instantly. DR Radiography is digital replacement of traditional X-ray film-based radiography and a step forward from phosphoric plate-based Computer radiography (CR).



DR **DR-SYSTEMS LLC**
SYSTEMS INNOVATIVE TECHNOLOGIES IN
INDUSTRIAL RADIOGRAPHY

WWW.DR-SYSTEMS.COM