

Digital Detector Array Equipment

Explore a range of pitch resolution options for digital detector array equipment, designed to deliver exceptional productivity and enable efficient testing of large volumes.



DYNAMIx™ FXR

It is the ideal option for conducting in-house inspections of parts during high-volume manufacturing processes.



DYNAMIx™ FXR Pad

It is a portable option that provides radiography inspection in the field. Often used with gamma sources, customers can quickly capture images and view results on a portable laptop.

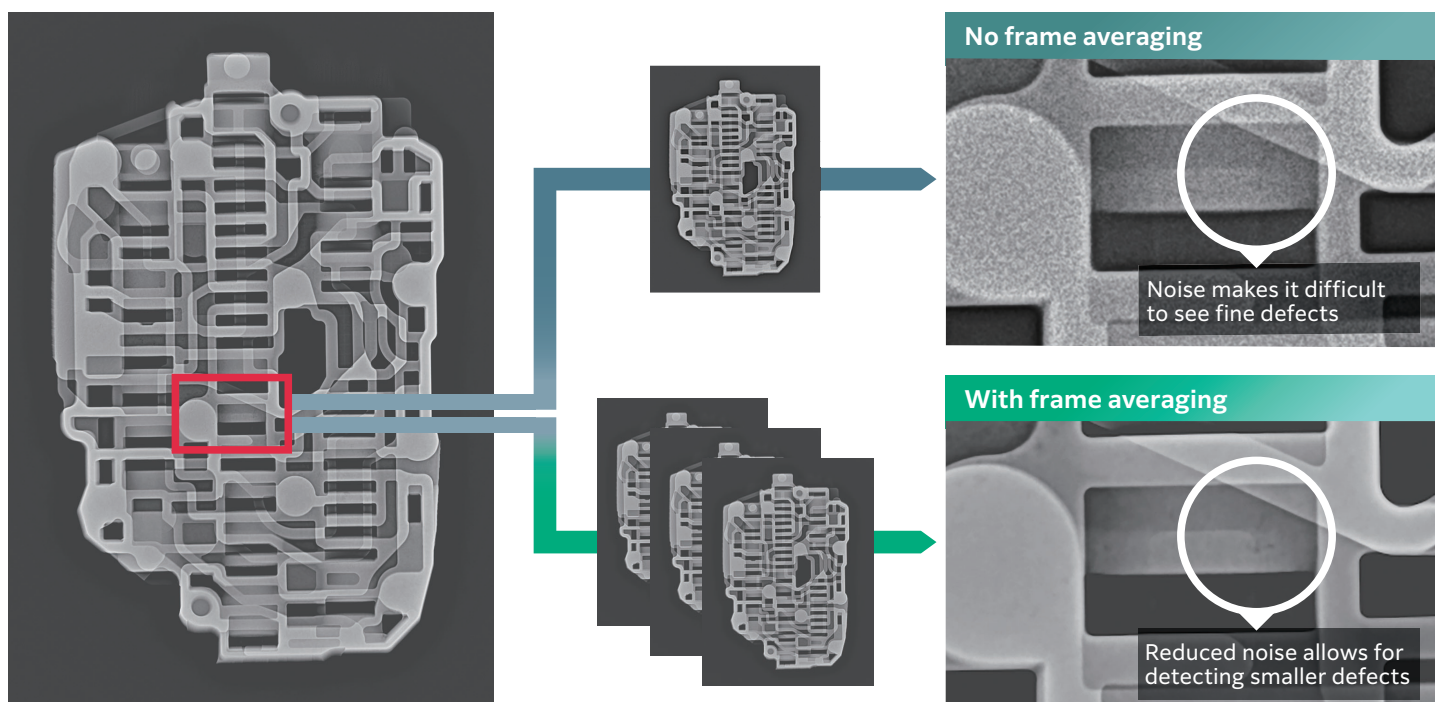


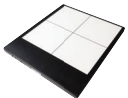
Noise reduced by frame averaging

DDA produces high-quality images with reduced noise by frame averaging images taken many times.

FUJIFILM DIGITAL RADIOGRAPHY

DYNAMICTMFXR



	DYNAMICTMFXR		DYNAMICTMFXR Pad	
	 XRD1611 ※1	 NDT1717X2 ※2	 NDT1417MA ※2	 NDT1013LA ※2
Scintillator	Gd2O2S			
Sensor type	amorphous silicon			
Size(mm)	672 x 599 x 44	560 x 476.7 x 32	465 x 390 x 20	386.5 x 283.5 x 18.5
Weight	25kg	17.5kg	5.2 kg ※Including battery weight	4.0 kg ※Including battery weight
Energy duration	15MeV	450kV	370kV	370kV
Pixel matrix	4096 x 4096	4260 x 4260	3500 x 4300	3318x2528
Active area	4000 x 4000	4260 x 4260	3500 x 4300	3318x2528
Pixel pitch	100μm			
ADC	16bit			
Frame rate	3.75FPS	1FPS	-	-
Operating temperature	10°C~35°C	10°C~40°C	-20°C~50°C(Cable) -10°C~50°C(Battery)	-20°C~50°C(Cable) -10°C~50°C(Battery)
Storage temperature	-10°C~50°C	-20°C~55 °C	-20°C~55°C	-20°C~60°C
Humidity	30%~70%	20%~70%	5%~90%	5%~90%
Power supply	AC100~240V			
Power consumption	215W	20W	< 20W	< 33W
Wire interface	Fiber-optical interface	Fiber-optical interface	GigE	GigE
Wireless Interface	-	-	802.11ac	802.11ax
Waterproof and dustproof	-	IP20	IP67	IP67

※1:Manufactured by Varex Imaging ※2:Manufactured by iRay Group

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