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Introducing Cuattro ONE™ Large Format Digital Radiography

Better. Much Better.

Large format studies have always been challenging and time consuming. Until now. You spoke, we listened. Cuattro is proud to introduce the new **Cuattro ONEm large format Digital Radiography Detector.** Critical large format studies can now be completed easily and accurately with one exposure in less than one minute, compared to 15 minutes or more with conventional DR and CR solutions.

one m
Large Format
Digital Radiography
By cuattro



Cuattro ONEm™ is an exciting new 17" x 34" full format detector suitable for all large format spinal studies and many long limb studies.

For studies requiring a more elongated field of view, the Cuattro ONE™ may be combined with qualifying 14" x 17" and 17" x 17" detectors to create a 50" single exposure capture length accommodating all long limb studies regardless of patient height. ONE™ can be utilized with an easily removable power and data tether or via battery powered operation with wireless data transfer.

ONE exposure
ONE image
ONE minute

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- Cuattro ONE™ easily accommodates full spine studies on all patients and many long leg studies (up to 34"). ONEm can also be coupled with qualifying 14 x 17 wireless detectors to provide up to 50" field of view for long leg studies as needed.
- A single exposure utilizing the Cuattro ONE™ produces a 17" x 34" field of view (or 17" x 50" when coupled with qualifying detectors).
- Cuattro ONE™ also allows the user to isolate the top or bottom portions of the detector in order to perform 17" x 17" conventional weight bearing studies.
- Cuattro ONE™ can be utilized with an easily removable power and data tether or via battery powered operation with wireless data transfer.
- Optional Wireless Battery Charging is available in select accessories.
- Cuattro ONE™ is able to be retrofitted to existing suites or is available as part of an entirely new, fully featured X-ray suite.
- Both portable and permanent wall stands are available for stationary, mobile, and in suite surgical use.
- Cuattro ONE™ represents a high quality and innovative design from a leading and respected manufacturer at a very attractive price.

A smarter direction in Digital Radiography.

Better. Much Better

Image Sensor: X-	TFT: a-Si (Amorphous Silicon)		
Ray Scintillator:	Gd2O2S: Tb (Gadolinium Oxysulfide)		
Pixel Pitch:	0.14 mm (140 µm)		
Field of view:	17" x 50"*	17" x 34"*	17" x 17"*
Active Area: (HxV)	430.08 mm x 1290.24 mm	430.08 mm x 860.16 mm	430.08 mm x 430.08 mm
Active Array:	3072 x 9216 pixels	3072 x 6144 pixels	3072 x 3072 pixels
Effective Area:	428.4m x 1288.0mm	428.4 mm x 855.4 mm	428.4 mm x 425.6 mm
Effective Array:	3060 x 9200 pixels	3060 x 6110 pixels	3060 x 3040 pixels
Grayscale:	16 bits		
Spatial Resolution:	3.5 lp/mm		
Image Acquisition Time:	17" x 50" detector	17" x 17" detector	
	6 seconds image preview	3.5 seconds image preview	
	12 seconds final image	5.9 seconds final image	
Grayscale:	16 bits		
Spatial Resolution:	3.5 lp/mm		
Image Acquisition Time:	17" x 50" detector	17" x 17" detector	
	6 seconds image preview	3.5 seconds image preview	
	12 seconds final image	5.9 seconds final image	
Recommended cycle Time:	17" x 50" detector	17" x 17" detector	
	5.8 seconds	3.7 seconds	
X-ray Sync Control:	AED (Auto Exposure Detection)		
Dimensions:	900 mm x 465 mm x 17.0 mm		
Weight:	8 Kg		
Image Transfer	Wired: Gigabit Ethernet (1000BASE -T)		
	Wireless: IEEE802.1 1n/ac (2.4GHz/5GHz)		

***Utilizing a second qualifying overlapped wireless detector.**

ENVIRONMENT		
ITEM	**OPERATION**	**STORAGE/TRANSPORT**
Temparature:	+10 - +35 ºC	+15 - +55 ºC
Humidity:	30 - 85% (non condensing)	10 - 90% non condensing
Shock:	20 G	25 G
Vibration	2 G	5 G





Contact us to learn more about the Cuattro ONEm today

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