

REVEAL™ MOBI PRO | TECHNICAL SPECIFICATIONS*

System	KA Imaging Reveal Mobi Pro
Dimensions during transportation	22.7" x 46.2"x 53.3" (57.6 cm x 117.3 cm x 117.3 cm)
Transport handle height:	35" (135.4 cm)
Focus-ground distance:	27.2" to 80.5" (69 cm to 204.5 cm)
Max height	86" (217.6 cm)
Arm Extension (telescopic):	14.2" (36 cm) Front range: 28" (71 cm) to 42" (107 cm) Lateral range - 20" (51.7 cm) to 34.5" (87.7 cm)
Rotation of x-ray tube head:	A-swivel - $\pm 180^\circ$ B-swivel - $\pm 320^\circ$ (from transport position) C-swivel - 127° (90° forward, 37° backward)
Speed forward (transport position)	0 - 3 mph
Speed forwards in working position	0 - 1.6 mph
Speed backward	0 - 1.6 mph
Weight (batteries included):	959 lbs (435 kg)
Operating System:	Windows 10 Pro 64-bit
Processor:	3.0 GHz, Intel Core i5
Storage/Memory:	8 GB RAM, 500 GB SSD

System	KA Imaging Reveal 35C Flat Panel Detector		
Detector Size	14 x 17 inch / 35 x 43 cm (ISO 4090)		
Pixel Pitch	140 μm		
Sensor Type / Scintillator	Amorphous Silicon / CsI		
Communication	Wireless or Gigabit Ethernet		
Power	Battery and/or tethered AC 100-240 VAC/50-60 Hz		
A/D Conversion	16 bits		
Energy Range	40 ~ 150 keV**		
Dose Efficiency and Resolution***	lp/mm	DQE	MTF
	0	75%	N/A
	1	67%	64%
	2	53%	35%
	3	34%	18%
	Nyquist	21%	13%
Dose Range***	Saturation Dose	140 μGy	
	Maximum Linear Dose	120 μGy	

*Preliminary numbers; specifications are subject to change.

**Higher energy supported on request

***Measured at RQA5

Reveal 35C: FDA 510(k) cleared.

Reveal Mobi Pro: coming soon, not available for sale.

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