


REVEAL™ MOBI PRO | TECHNICAL SPECIFICATIONS*

| System | KA Imaging Reveal Mobi Pro | System | KA Imaging Reveal 35C Flat Panel Detector | | | | | | | | | | | | | | | | | | |
|--|---|--|---|-----------------|---------|---------------------|---------|-----|-----|---|-----|-----|---|-----|-----|---|-----|-----|---------|-----|-----|
| X-ray generator | <ul style="list-style-type: none"> High frequency monoblock generator Max power 40 kW | Detector Size | 14 x 17 inch / 35 x 43 cm (ISO 4090) | | | | | | | | | | | | | | | | | | |
| Operator interface | <ul style="list-style-type: none"> 19" color LCD touch screen display | Weight | 8 lbs. (3.6 kg) including battery | | | | | | | | | | | | | | | | | | |
| Operating Parameters | <ul style="list-style-type: none"> 2-point Technique (kV and mAs) 3-point Technique (kV, mA, sec) Programmable anatomical parts | Pixel Pitch | 140 µm | | | | | | | | | | | | | | | | | | |
| Dimensions during transport | <ul style="list-style-type: none"> 22.7" x 46.2"x 53.3" (57.6 cm x 117.3 cm x 135.4 cm) | Sensor Type / Scintillator | Amorphous Silicon / CsI | | | | | | | | | | | | | | | | | | |
| Transportation handle height: | <ul style="list-style-type: none"> 35" (89 cm) | Communication | Wired: Gigabit Ethernet (1000BASE-T) Wireless: IEEE802.11 ac/n | | | | | | | | | | | | | | | | | | |
| Focus-ground distance: | <ul style="list-style-type: none"> 27.2" to 80.5" (69 cm to 204.5 cm) | Power | Hot swapable batteries and/or tethered AC 100-240 VAC/50-60 Hz | | | | | | | | | | | | | | | | | | |
| Max height | <ul style="list-style-type: none"> 86" (217.6 cm) | Charging Time | 2.5 hours from empty to full charge. | | | | | | | | | | | | | | | | | | |
| Arm Extension (telescopic): | <ul style="list-style-type: none"> 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) | Usage on a single battery (40Ah) charge | Up to 5 hours (dependent on imaging technique) | | | | | | | | | | | | | | | | | | |
| Rotation of x-ray tube head: | <ul style="list-style-type: none"> A-swivel - ±180° B-swivel - ±320° (from transport position) C-swivel - 127° (90° forward, 37° backward) | A/D Conversion | 16 bits | | | | | | | | | | | | | | | | | | |
| Speed | <ul style="list-style-type: none"> Forward (Transport position): 0 - 3 mph Forward (Working position): 0 - 1.6 mph Backward: 0 - 1.6 mph Anti-Collision bumpers | Energy Range | 40 ~ 150 keV | | | | | | | | | | | | | | | | | | |
| Weight (batteries included): | <ul style="list-style-type: none"> 959 lbs (435 kg) | Dose Efficiency and Resolution*** | <table border="1"> <thead> <tr> <th>lp/mm</th> <th>DQE</th> <th>MTF</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>75%</td> <td>N/A</td> </tr> <tr> <td>1</td> <td>67%</td> <td>64%</td> </tr> <tr> <td>2</td> <td>53%</td> <td>35%</td> </tr> <tr> <td>3</td> <td>34%</td> <td>18%</td> </tr> <tr> <td>Nyquist</td> <td>21%</td> <td>13%</td> </tr> </tbody> </table> | lp/mm | DQE | MTF | 0 | 75% | N/A | 1 | 67% | 64% | 2 | 53% | 35% | 3 | 34% | 18% | Nyquist | 21% | 13% |
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| Power: | <ul style="list-style-type: none"> Battery | Dose Range*** | <table border="1"> <tbody> <tr> <td>Saturation Dose</td> <td>140 µGy</td> </tr> <tr> <td>Maximum Linear Dose</td> <td>120 µGy</td> </tr> </tbody> </table> | Saturation Dose | 140 µGy | Maximum Linear Dose | 120 µGy | | | | | | | | | | | | | | |
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| Cycles on a single battery (40 Ah) charge: | <ul style="list-style-type: none"> On average 500 exposure are possible between charges depending on exposure conditions | <p>*Preliminary numbers; specifications are subject to change. ***Measured at RQA5</p> | | | | | | | | | | | | | | | | | | | |
| Recharging time: | <ul style="list-style-type: none"> 5 hours | <p>FDA 510(k) cleared.</p> | | | | | | | | | | | | | | | | | | | |
| Embedded PC: | <ul style="list-style-type: none"> Windows 10 Pro 64-bit Processor: 3.0 GHz, Intel Core i5 Storage/Memory: 8 GB RAM, 500 GB SSD |  | | | | | | | | | | | | | | | | | | | |

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