### Image Quality
- **Industry Leading Spatial Resolution** – 20 line pair per mm
- **Industry Leading Signal to Noise Ratio** – Detect density variations of <2%
- **Maximized Mesial Coverage** – Capture the premolar/canine contact
- **Less Graininess** – Cleanest image on the market

### Comfort
- **Rounded Corners** – Corners anatomically matched to contours of mouth
- **Broader Contact Zone** – Beveling reduces pressure for increased comfort
- **Sensor Sizes** – True Size-1 and Size-2 sensors
- **Thin Sensor Plate** – Tapered from 6.6mm to 5.0mm

### Durability
- **Kevlar-Reinforced** – Surprising tensile strength at cord/sensor junction
- **Hermetically Sealed** – Protected against fluids and contaminants
- **Thinner Cord** – Direct USB connection between sensor and computer
- **Sturdier Cord Jacket** – Fewer wires allow for greater protection
- **Repair Option** – Available cord replacement

### Ergonomics
- **Direct USB Connection** – No interface box or cord bulge
- **White Face** – Easier intraoral visability
- **Easier Cleaning** – Immersible in water and cold sterilants
- **Sleek Button** – No crevices to complicate cleaning
- **Broad Range Of Acceptable Exposure** – Superior anti-blooming circuitry
- **Standard Holder Systems** – Rinn, XDR, Bitewing tabs, and others

### Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Size 1</th>
<th>Size 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radiographic Field</td>
<td>19.95mm X 30.02mm</td>
<td>25.99mm x 36.00mm</td>
</tr>
<tr>
<td>Physical Size</td>
<td>24.35mm X 36.73mm</td>
<td>30.49mm x 42.80mm</td>
</tr>
<tr>
<td>Sensor Plate Thickness</td>
<td>5.4mm</td>
<td>5.0mm to 6.6mm</td>
</tr>
<tr>
<td>Pixel Size</td>
<td>19 microns</td>
<td>19 microns</td>
</tr>
<tr>
<td>Spacial Resolution</td>
<td>26.3 line pair/mm theoretical, &gt;20 line pair/mm actual</td>
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</tr>
<tr>
<td>Dynamic Range</td>
<td>12-bit (0 to 4095)</td>
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</tr>
<tr>
<td>Interface</td>
<td>USB 2.0, from sensor plate to computer</td>
<td>USB 2.0, from sensor plate to computer</td>
</tr>
<tr>
<td>Cord Length</td>
<td>2 meters (approximately 6.5 feet)</td>
<td>2 meters (approximately 6.5 feet)</td>
</tr>
</tbody>
</table>