



INTRAORAL RADIOGRAPHIC SENSOR

IMAGING THROUGH SCIENCE

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 visibility
- 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	SIZE 1	SIZE 2
Radiographic Field	19.95mm X 30.02mm	25.99mm x 36.00mm
Physical Size	24.35mm X 36.73mm	30.49mm x 42.80mm
Sensor Plate Thickness	5.4mm	5.0mm to 6.6mm
Pixel Size	19 microns	
Spatial Resolution	26.3 line pair/mm theoretical, >20 line pair/mm actual	
Dynamic Range	12-bit (0 to 4095)	
Interface	USB 2.0, from sensor plate to computer	
Cord Length	2 meters (approximately 6.5 feet)	

