

owandy

ASHTELdental 

**DSX EVO3**  
digital sensor

• Universal size digital sensor

(one-size fits all)

• 2-Year warranty

• Multi-user software

• TWAIN Compliant

• USB box

• Optical resolution: 23.8 lp/mm

• Sensor type: CCD

with a CsI Scintillator

& fiber optic plate

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# DSX EVO3 DIGITAL SENSOR

## An Appropriate Diagnosis, Thanks to a Larger Active Area.

A 20% larger active area than any other sensor of identical size. With the CCD sensor's 730 sq. mm surface area, you can now instantly display incredible bite-wing images and spectacular periapical views. This unique multifunctional sensor supplies virtually the same capacity as a second sensor.



## Ergonomic Design Enhances Patient Comfort.

Specific positioning devices and a set of adapters for Rinn holders are available to provide unmatched image quality.

## Recognized Image Quality and Excellence

Top Rated in Laboratory Testing Among Digital Sensors in Clinical Research Associates, USA, the DSX EVO3 has become an international benchmark for its extremely high resolution (CDD resolution of 23.8 lp/mm) and image definition (1,652,400 pixels with 4,096 gray levels).

## Enhanced Safety

The DSX EVO3 sensor is waterproof to IPX7 standard, so cold decontamination is possible.

## Controlled Radiation

The sensor's extreme sensitivity reduces radiation during image taking by 90%.

## Two Operating Methods, Fixed or Mobile, Image Taking

In mobile mode, the images you capture are displayed as soon as the sensor is connected to the base unit.

## Just Plug and Play then You Can Be Up and Running Instantly

Your imaging workstation offers all the advantages of digital radiology to become a truly comprehensive administrative tool for your practice.

## A New Way of Seeing

The intuitive icons in imaging software offer a host of new diagnosis options.



### Technical Specifications

#### Sensor

Technology	CCD-specific
Pixels	21 $\mu$ m
CCD array	1,620 lines x 1,020 pixels 1,652,400 pixels
Theoretical resolution	23.8 lp/mm
Active surface	730 sq.mm
External dimensions	26.2 mm (L) x 40 mm (W) x 5 mm (H)
Signal-to-noise ratio	47 @ 20mRem
CCD lifespan	125,000 exposures
Grayscale	112 bits at capture 4,096 levels of gray
Cable connection	0,2 or 3 m in length
Connector	CE medical device
Compliance with	EC directive 93/42 EEC/EC
Impermeability	EC IPX7 standard
Bus	USB
Standard	EC 0459 / USFDA
Compatibility	All generators

#### External USB Callbox

Multi-chair	Simple to install and maintain
Dimensions:	11 cm (L) x 16 cm (W) x 4 cm (H)

[ashteldental.com/dsxevo3](http://ashteldental.com/dsxevo3)

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