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CAM▸X® Triton HD

Cam - Intraoral, Extraoral and Macro Images in Real HD Quality








CAM

Maximum image quality for demanding requirements – with real HD resolution the camera system ensures pin-sharp HD images, even on large monitors.

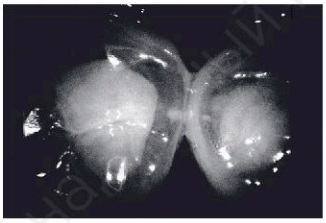
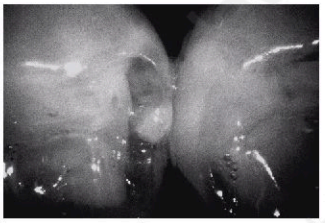
Thanks to the new autofocus, images are created quickly and with ease, whether intraoral, extraoral or macro images. Two LEDs ensure optimum and uniform illumination for excellent image quality.

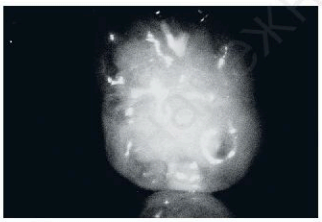
Proxi - Gentle and Early Detection of Interproximal Caries

PROXI

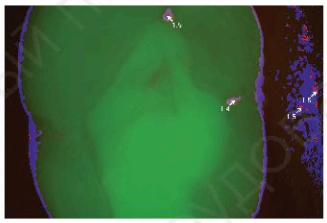
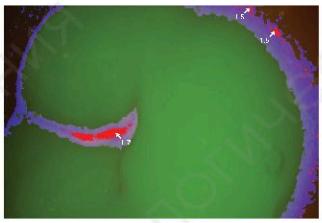
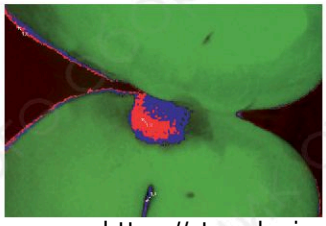
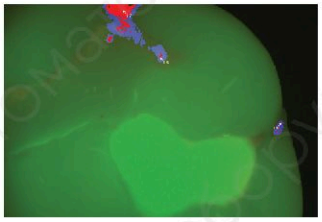
The Proxi Interchangeable head is a reliable and easy diagnostic aid in the early detection and diagnosis of interproximal caries. CamX Triton HD with Proxi Head is a powerful diagnostic tool for interproximal caries detection without the use of X-Ray radiation - especially useful in pediatric and pregnant patients. The HD Images and videos can be saved directly into the patient's digital chart for long term monitoring.





Spectra - Reliably Identify Caries and Plaque



SPECTRA

See caries early and recommend a treatment plan today. Spectra utilizes state of the art technology to instantly display and analyze caries in an easy to read color and numerical coded onscreen display. The violet light emitted by Spectra stimulates the metabolic products in caries producing bacteria which will show as red in the CamX viewing software. Healthy enamel shows as green, and can be easily distinguished from caries. Easily and immediately diagnose caries with no radiation.

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Slim, Ergonomic Design

Sleek Modern Design

- Slim rounded head provides easy access to even the most challenging posterior areas.

Simple Functionality

- One Push autofocus button instantly brings image into focus from any distance.

Versatile Imaging Capabilities

- Variable focal distance enables you to capture images from full face to macro with one device.

Images in Real HD Quality

- View and capture clinical images in 1280x1024 HD resolution.

Automatic Activation/ Deactivation

- Motion sensor switches the camera on and off, ensuring efficient use.



1 Autofocus
2 Capture Buttons

Capture on Release

- Unique image acquisition technology insures consistently clear and brilliant images.

Ergonomic Image Capture

- Capture buttons are located on the top and bottom of CamX Triton HD - no need to change your grip.

Durable Design

- The interchangeable heads feature scratch-resistant lenses and are easily switched between camera and caries detection.



Specifications

Part Number	J2500 CamX Triton HD Cam & Spectra J2600 CamX Triton HD Cam Only J2700 CamX Triton HD Cam, Spectra & Proxi J2900 CamX Triton HD Cam & Proxi	**Cable length**	8.2 ft. (optional extension up-to 18 ft. via active holder with USB hub)
Connections	USB 2.0 (USB 3.0 compatible)	**Power Supply**	USB (5V)
Multi-user application	Plug and play	**Sensor**	High performance CMOS Sensor
Activation	Via buttons located on top and bottom of handpiece	**Driver**	Standard Windows drivers, NO additional drivers needed
Handpiece weight	2.5 oz	**Resolution**	1280 pixels (H) c 1024 pixels (V)
Handpiece length	7.9 inches	**Illumination**	2 LEDs each for Spectra (405 nm, violet) 2 Bright white LEDs for Cam 2 Infrared LEDs for Proxi
		Optical system	Multiple lenses with protective glass

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