



**MEDICATECH USA®**



# MasterDent™

## Veterinary Dental Sensor System

MasterDent™ is designed and manufactured to provide the best image quality & long life use. It is our goal to make every vet's life as easy as it gets!



# Main Features



**Pixel size:** 20 x 20  $\mu\text{m}$



**1300 (H) x 1700 (V)  
Pixel Format**



**High Resolution**  
(12LP/mm)



**Dynamic Range** (57dB)



**USB 2.0 Interface**



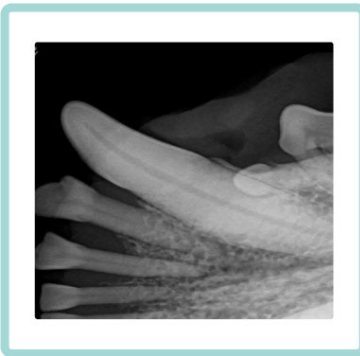
**Equipped with Dose Meter**



**Dust & Water proof**  
equivalent of IP67

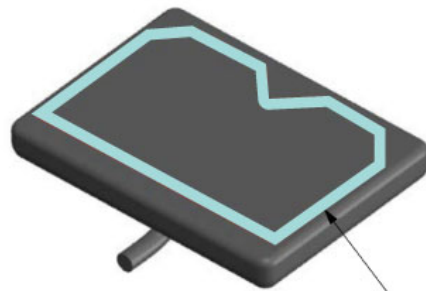


**Three sensors can be  
simultaneously connected  
to one PC**



# Monitoring Photodiode

MasterDent is equipped with a Monitoring Photodiode along the entire circumference of its effective pixel area. When Taking x-ray images, the Monitoring Photodiode will compare the the dose rate to a preset threshold. If the dose is higher than this threshold value, the image comes out automatically. The threshold value can be selected. This technique guarantees the high quality of images received.



Monitoring Photodiode

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## Veterinary Dental X-Ray generators



# Voyance®

By Mediatech USA®

An industry leading complete software suite that delivers a secure and cost-effective way to acquire, view and share DICOM Images. Voyance® is one of the easiest, most user friendly interfaces. Its modern design & attention to the user experience along with its features & functions make it a great tool to every user.

- Instant installation and auto-configuration
- Easy, user-friendly Modern user interface
- Interface consistency across acquisition and viewing platforms
- Optimum Workflow designed for efficiency
- ClairVoyance® Image Processing Algorithm
- Supports a wide range of detectors and generators
- X-RAY Generator integration (CPI & DRGEM)
- Auto Stitching and Auto Cropping
- Side by side comparisons
- Fully DICOM 3.0 Compatible:  
MWL, MPPS, and all DICOM ops.
- Reject Analysis

