

# DURAY<sup>®</sup>

Intraoral Sensor

*The digital solution you've been looking for!*



Introducing Duray Intraoral sensors – a durable, reliable, and affordable digital intraoral imaging solution.

With just a 4.4mm profile and a theoretical resolution of 25 lp/mm, image quality is exceptional while ensuring easy positioning and maximum comfort for the patient. Installation is simple and straightforward with a plug-and-play design, and image processing specifications can be customized to meet your practice needs for enhanced diagnosis.

Integrate Duray intraoral sensors seamlessly into your practice today and experience sharper, more detailed images with simplicity.



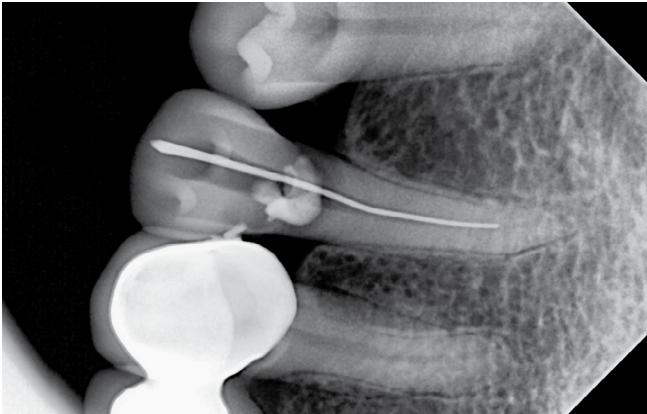
DURABLE AND RELIABLE

Made with premium materials and rigorously tested during production processes to ensure high-quality performance standards. Duray Sensor is waterproof with an IP68 rating and can be immersed in disinfectant liquids to prevent cross infections and enhance hygiene and safety. In addition, our sensor housing is designed to be shock-resistant to protect from shock, bites, and falls to ensure durability and long product life cycle.



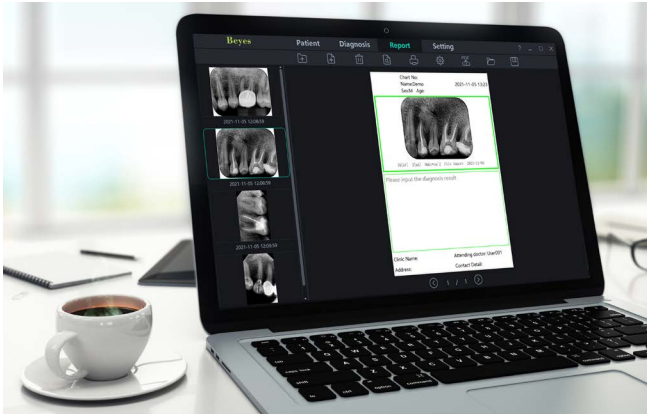
THIN AND COMFORTABLE

With an ultra-thin 4.4mm portfolio and ergonomically designed with rounded corners makes it easier than ever to position for bitewing images and offers maximum level of patient comfort.



HIGH RESOLUTION IMAGING

With a theoretical resolution of 25 lp/mm and through advanced CMOS technology, image quality is optimized and exceptional, and noise is reduced, producing crisp, detailed images for immediate review and diagnosis.



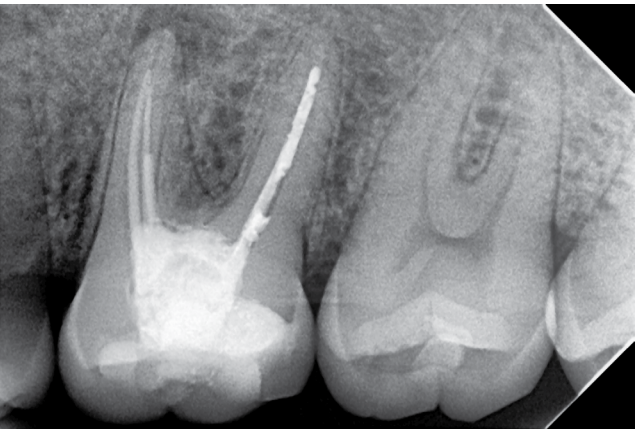
EASY TO USE

Duray Sensor provides simple and easy-to-operate software with one-click smart installation and offers plug-and-play simplicity with high-speed USB 2.0 connection. Equipped with powerful image processing functions, so you can significantly and quickly improve the quality of radiographs.

Key Specifications

	DURAY DS1	DURAY DS2	DURAY DS0	DURAY DS1.5
Outer dimensions of the sensor (length x width x thickness)	31 x 21 x 4.4 mm	37 x 27 x 4.4 mm	25 x 19 x 4.4 mm	34 x 25 x 4.4 mm
Sensitive surface	30 x 20 mm (600 mm²)	36 x 26 mm (936 mm²)	24 x 18 mm (432 mm2)	33 x 24 mm (792 mm2)
Surface in pixels	1500 x1000 pixels	1800 x 1300 pixels	1200 x900 pixels	1650 x 1200 pixels
Weight	118g	158g	108g	138g
Sensor technology	CMOS			
Sensor resolution	> 20 pl/mm			
Sensor cable length	3 m			
Grey levels	16 bits (16384 grey levels)			
Connetion (Standard USB)	USB 2.0 High-Speed (480Mbit/s) and USB 3.0.			
Physical pixel size	20µm			
Measured resolution	16 lp/mm			
Theoretical resolution	25 lp/mm			
Warranty	24 months			

PROVEN IMAGE SHARPNESS



Regular



Zoom

## Order Information

Order Code	Model / Description
DS0001	DS0, Duray Sensor Size 0 Kit
DS1001	DS1, Duray Sensor Size 1 Kit
DS1501	DS1.5, Duray Sensor Size 1.5 Kit
DS2001	DS2, Duray Sensor Size 2 Kit
DS3001	Duray Sensor Package (Includes size 1 & size 2 kits)
DS1003	Sensor Sleeve, Size 0/1 (100/package), 35x200mmx3c
DS1004	Sensor Sleeve, Size 1.5/2 (100/package), 45x200mmx3c
DS1006	Sensor Silicone Cover, Size 1
DS1007	Sensor Silicone Cover, Size 2
DS1011	Sensor Silicone Cover, Size 0
DS1010	Sensor Silicone Cover, Size 1.5
DS1103	Universal Starter Kit



### Universal Starter Kit

**Package includes:**

- 2 x Bite Block Large Size
- 2 x Bite Block Medium Size
- 1 x Posterior Aiming Ring
- 1 x Anterior/Bite Wing Aiming Ring
- 1 x Positioning Arm Posterior
- 1 x Positioning Arm Bite Wing
- 1 x Positioning Arm Anterior



#### Horizontal Imaging

The Medium Sensible holds most size 2, 1 and 0 sensors horizontally.



#### Vertical Imaging

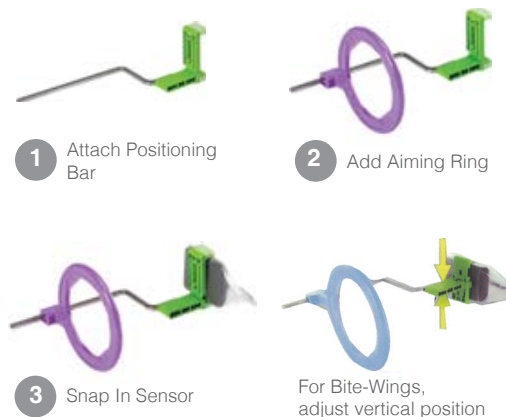
The Large (two-tone) Sensible holds most size 2 and 1 sensors vertically.



#### Bite-Wing Imaging

For Bite Wing imaging, simply slide Bite Block to mid-line of sensor.

### USING SENSIBLES IS AS EASY AS 1-2-3:



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with Health Canada regulations ensuring quality.  
Manufacturing facility is ISO 13485 certified under the  
Medical Device Single Audit Program (MDSAP).