

DURAY[®]

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.

DURAY®



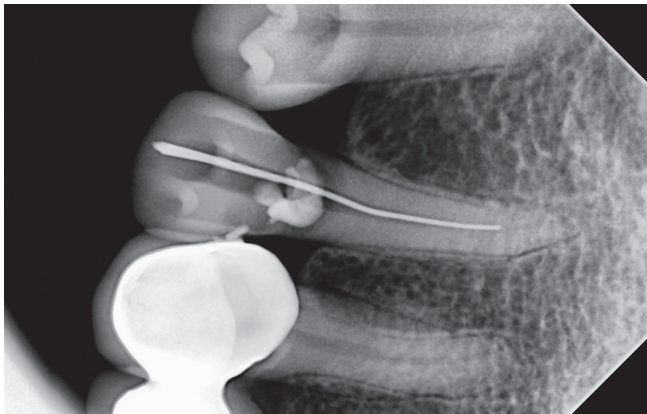
DURABLE AND RELIABLE

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.

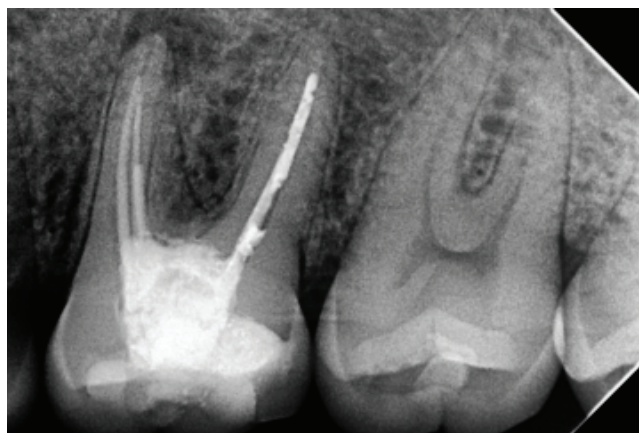
Key Specifications

	DURAY DS1	DURAY DS2
Outer dimensions of the sensor (length x width x thickness)	38.5 x 25 x 4.5mm	40 x 31 x 4.5mm
Sensitive surface	30 x 20 mm (600 mm ²)	36 x 26 mm (936 mm ²)
Surface in pixels	1500 x 1000 pixels	1800 x 1300 pixels
Weight	118g	158g
Sensor technology	CMOS	CMOS
Sensor resolution	> 20 lp/mm	> 20 lp/mm
Sensor cable length	3 m	3 m
Grey levels	16 bits (16384 grey levels)	16 bits (16384 grey levels)
Connexion (Standard USB)	USB 2.0 High-Speed (480Mbit/s) and USB 3.0.	
Physical pixel size	20µm	20µm
Measured resolution	16 lp/mm	16 lp/mm
Theoretical resolution	25 lp/mm	25 lp/mm
Warranty	24 months	24 months

PROVEN IMAGE SHARPNESS



Regular



Zoom

Order Information

Order Code	Model / Description
DS1001	DS1, Duray Sensor Size 1 Kit
DS2001	DS2, Duray Sensor Size 2 Kit
DS3001	Duray Sensor Package (Includes size 1 & size 2 kits)
DS1003	Sensor Sleeve, Size 1 (100/package), 4X22cm
DS1004	Sensor Sleeve, Size 2 (100/package), 5X22cm
DS1006	Sensor Silicone Sleeve, Size 1
DS1007	Sensor Silicone Sleeve, Size 2
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

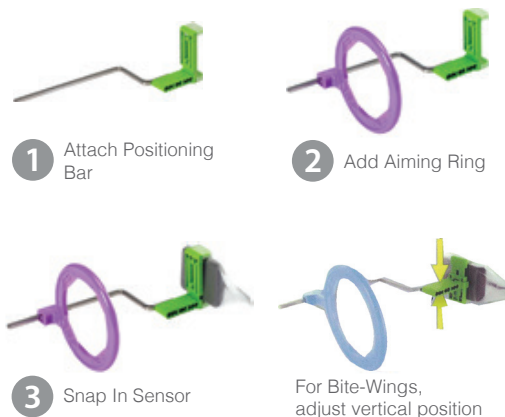
The Large (two-tone) Sensible holds most size 2 and 1 sensors vertically.



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:



Beyes Dental Canada Inc.
 23-595 Middlefield Road
 Toronto, Ontario, M1B 3M5
 Canada
Tel: 1-855-603-1888
Email: info@beyes.ca
Web: www.beyes.ca

Lotus NL B.V.
 Koningin Julianaplein 10, le Verd,
 2595AA, The Hague,
 Netherlands
Tel: +31645171879 (English)
 +31626669008 (Dutch)
Email: info@beyes.ca

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