



Increased Dental Safety

Easily Performed by the Dental Clinic Staff

Since the Cobia Dental is so easy to position and doesn't require any complicated settings, anyone who works in the dental clinic can quickly and easily perform the routine inspection of the intraoral X-ray equipment. To determine patient safety – every day.



For Everyone

Smart



For Increased Dental Safety

Cobia Dental is a simple-to-use instrument for checking that the output from Dental Intraoral X-ray tube is correct.

Since the Cobia is so easy to position and doesn't require any complicated settings, anyone who works in the dental clinic can quickly and easily perform the routine inspection of the intraoral X-ray equipment.

To determine patient safety – every day.

Check and Go

The Cobia Dental is especially suitable for acceptance test, constancy test, and routine quality control of Intraoral X-rays. The basic need for a dental clinic's calibration check of kV and exposure time is covered with the standard kV model of Cobia Dental. With a small addition to price, dose and HVL measuring will also be included.

Ease of Use

Cobia Dental is designed for "ease of use" which is accomplished through easy positioning and possibilities to choose your preferred language together with a powerful and clear color display. The screen is rotatable and is easy to read from a distance, and your 100 latest measurements will always be automatically saved.



Only Pay for What You Need

There are three versions of Cobia Dental for measuring a range of different parameters. Select the model that suits your needs, and only pay for what you want to measure. Intraoral kV, Intraoral Dose, or Intraoral kV & Dose.

For Everyone

When we created the Cobia Dental, our goal was to develop a straightforward instrument that anyone can use. RTI has over 30 years of experience in the manufacture of X-ray detectors, and Cobia Dental is a direct implementation of our high-tech knowledge coupled with what we have learned in the field.

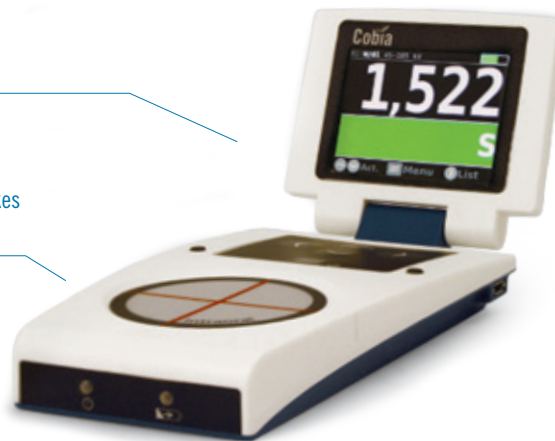
Slim & Intelligent

Great

2 years manufacturer warranty with the option of extending it for up to 10 years.

A straightforward and trouble-free instrument that anyone can use.

No adjustments are needed, which makes it very easy to use.



Large, rotatable and sharp display allowing results to be read clearly and easily from a distance.

Translatable user interface. As well as English, you can choose to run Cobia Dental in several languages such as Swedish, Japanese, French, Chinese and German. This can easily be selected via the Cobia menu.

History. The Cobia Dental will save your 100 latest measurements.

Up to 10 Years Warranty

Cobia Dental is calibrated by an accredited X-ray lab and comes with 2 years manufacturer warranty when purchased new, with the option of taking out an extended warranty of up to 10 years. Meaning that you can feel very confident with your Cobia Dental for a long time!

RTI Dental Solutions

Cobia Dental is designed to be the instrument used by the dental clinic staff. For more advanced Quality Assurance of Dental X-ray equipment RTI recommend our multimeter – the RTI Piranha together with our QA software Ocean.

Cobia Dental Intraoral

	R/F – kV	R/F – Dose	R/F – kV & Dose
Time	•	•	•
kV	•		•
Dose		•	•
Dose Rate		•	•
HVL			•
Pulses	•	•	•
Pulse Rate			•
Dose/Pulse		•	•
Eff. Time			•

Cobia Dental intraoral kV Art No. 9764001-00
Cobia Dental intraoral Dose Art. No. 9764002-00
Cobia Dental intraoral kV & Dose Art. No. 9764003-00

Find your local distributor at www.rti.se

We offer more than just measuring instruments. We'd like to be your partner and help you in your daily work. We want you to trust us and count on us. We promise to do our best to make it easier for you in your everyday working life.

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Specifications Cobia Smart

Weight Approx	290 g	
Size	138 x 76 x 27 mm ³	
Power source	Int. battery / ext. power supply	
Battery life	10 – 20 hours	
Display	Color, 320x240 pixel	
Min. exp. time	0.1 ms	
Auto-Compensation	1.5 – 45 mm Al Total Filtr. equiv.	
Sensitivity	0.2 mA @ 50 kV, 50 cm (3 mm Al)	
Parameter	Range	Inaccuracy
Tube volt.	45 – 105 kVp	±2 %
Time	0 ms – 2000 s	±1 % or ±0.33 ms
	3 – 9999 pulses	–
Dose	400 nGy–1000 Gy	±5 %
	50 µR – 100 kR	±5 %
Dose rate	10 µGy/s – 100 mGy/s	±5 % or ±200 nGy/s
	1.1 mR/s – 11 R/s	±5 % or ±2 µR/s
	66 mR/min – 700 R/min	±5 % or ±0.1 mR/min
HVL	4 R/h – 42 kR/h	±5 % or ±70 mR/h
	1.2 – 14 mm Al	±10 % or ±0.2 mm
Pulse frequency	1/6 – 180 Hz	±5 % or ±0.2 Hz
Dose/pulse	10 nGy/p - 600 mGy/p	±5 %
	1,1 µR/p - 66 R/p	±5 %
Effective time	0 ms – 2000 s	±1 % or ±0.33 ms

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