

DURAY[®] ART PLUS Series

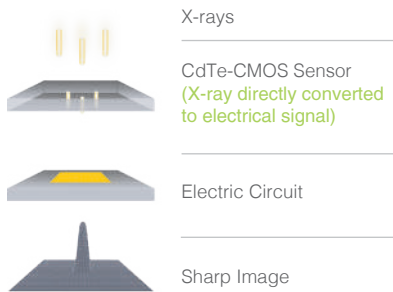
Cutting-edge Technology
For Exceptional Imaging



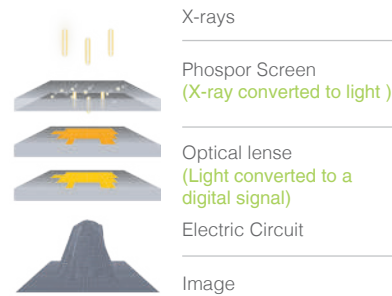
Cutting-edge Technology for Superior Imaging

Beyes® Duray ART PLUS Series is an advanced digital panoramic system with the latest premium CdTe-CMOS sensor technology. It combines extraordinary image quality, sharpness, and contrast with advanced diagnostic tools. Due to its advanced sensor technology and continuous autofocus function, Beyes® Duray ART PLUS Series always delivers highly focused images in both Pan and Pan Ceph versions.

CdTe-CMOS Sensor



CCD/CMOS Sensor



Premium Art Plus Technology

Direct conversion of X-rays to electrical signals increases the image clarity and contrast while reducing the readout time and dose.

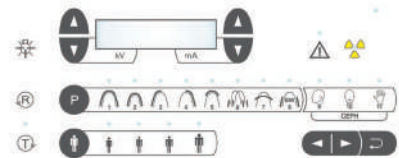
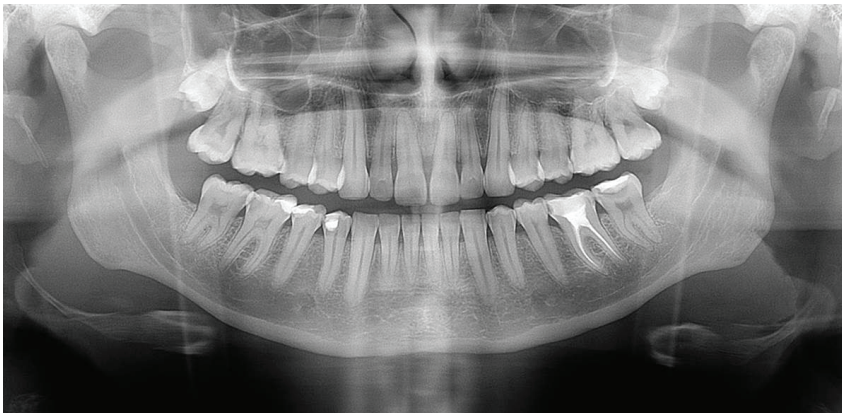
Traditional Technology

Traditional acquisition uses conversion of X-rays to light before detection, causing some information loss, blurring, and readout delays.

Wide Focal Zone Up To 30 mm

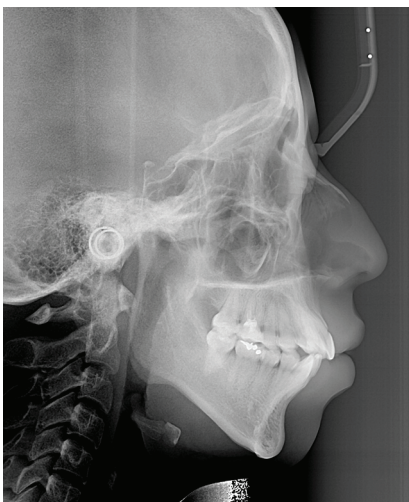
Due to patented algorithms, the focal zone is up to 30 mm wide, instead of the traditional 4 mm. Your region of interest will always be in focus.

Latest Sensor and Autofocus Technology for Incomparable Image Quality



Simple 2 Step Function

Simply select program (8 Pan or 3 Ceph) and patient size (4 options). All exposure settings will be set automatically. Presets can also be adjusted manually.



Single Sensor for Both Applications

Get the best quality panoramic and cephalometric images. Just click the sensor to the position where you need it.

Excellent Image Quality

Latest direct conversion technology for high resolution, extraordinary sharpness, unbeatable clarity, and lower dose exposure.

Easy To Operate

Intuitive and fast setting of the exposure program with just 2 clicks.

Continuous Autofocus

No more blurred images or additional exposures – your region of interest is always in focus.



Receptor technology	CdTe (Cadmium Telluride) CMOS sensor
Image resolution	>5 lp/mm
Dynamic range / Grayscale	16 bits / 65.536 gray shades
Exposure time Pano / Ceph	2.2 - 14.2 s / 8 - 10 s
PC connection	PCI express
Focal Spot	0.5 (IEC 60336)
Tube Voltage	61 - 85 kV
Tube Current	4 - 10 mA
Weight Pano / Ceph	98 kg / 120 kg

Panoramic programs

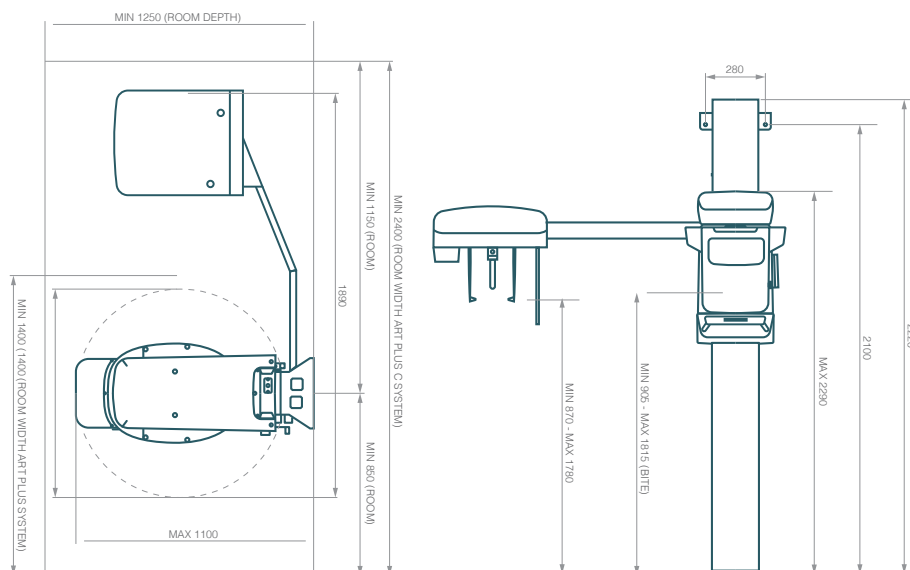
(1) Adult panoramic. (2) Child panoramic. (3) Left-Side Dentition. (4) Right-Side Dentition. (5) Anterior Dentition. (6) TMJ in normal occlusion and fully open. (7) Frontal view of Maxillary Sinus. (8) Bitewing.

Cephalometric programs

Antero-Posterior (AP). Latero-Lateral (LL). Carpus. Sub-Mento Vertex (SMV) in AP mode.

Patient size presets

(1) Large. (2) Medium. (3) Small. (4) Child.





Beyes is the largest Canadian dental handpiece manufacturer with its corporate office located in Toronto. By taking advantage of the highly educated workforce and well-established manufacturing chain in Southern Ontario, Beyes has revolutionized the dental industry with groundbreaking advancements for precision dental instrumentations.

Our Vision: To create “The Next Standard” for dentistry.

Comprehensive Product Portfolio



Intraoral imaging



Extraoral imaging



Intraoral sensors

Your Dealer for Beyes Products



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



Scan the QR code for more information



Printed in Canada
Document #: ENB050R1
10.10.2023

© Beyes Canada Inc 2023. All Rights Reserved.
Specifications are subject to change without notice.
All brands are holders of their respective trademarks.
All Beyes products are manufactured in strict compliance with Health Canada regulations ensuring quality.
Manufacturing facility is ISO 13485 certified under the Medical Device Single Audit Program (MDSAP).