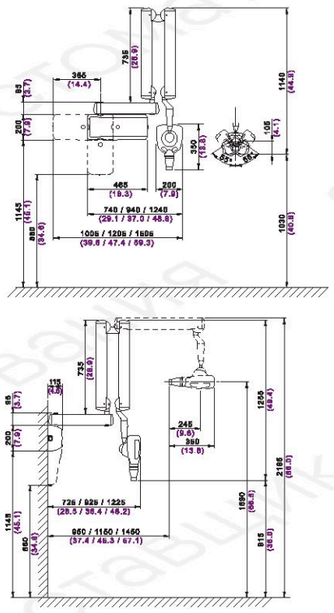
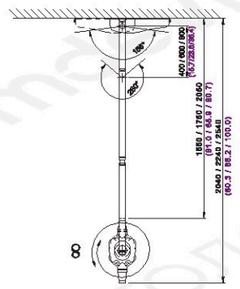
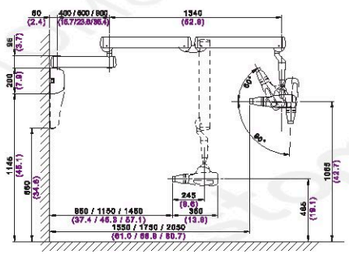
stomdevice

| TECHNICAL DATA | |
|---|---|
| Generator | Constant potential, microprocessor-controlled |
| Working frequency | 145-230 KHz (typically 175 KHz) |
| Focal spot | 0.4 mm (IEC 336) |
| Anode current | 4 / 8 mA |
| Voltage at X-ray tube | 60 / 65 / 70 kV (*) |
| Exposure time | 0.020 – 1.000 seconds, R'10 and R'20 scale |
| Source-skin distance | 20 and 30 cm |
| Irradiated field | 35 x 45 mm rectangular, Ø 55 mm and Ø 60 mm round |
| Additional collimators | 31 x 41 mm and 22 x 35 mm, for size 2 and size 1 sensors |
| Total filtration | 2.0 mm Al @ 70 kV |
| Power supply | 50/60 Hz, 115-120 V AC ±10% or 230-240 V AC ±10% |
| Duty Cycle | continuous operation with self-adjustment up to 1s/80s total |
| Stability | Automatic lock/release, with touch-sensitive activation (HyperSphere technology) |
| Arms | Available in 3 lengths: 40 cm - 60 cm - 90 cm |
| Max. arm extension | 230 cm, from wall |
| Certification | CE 0051, FDA approved |

(*) values depend on the country where the product is marketed.







Data may be subject to change without notice. 11/2017 MRXHGB1711S00
According to the regulations in force, some products and/or features may have different availability and characteristics in areas outside of the European Union. Please contact your local distributor.

# RXDC

X-ray unit
with HyperSphere technology




new comfort
in digital imaging

www.my-ray.com

**Plant** - Via Bicocca, 14/c - 40026 Imola - Bo (Italy) tel. +39 0542 653441 - fax +39 0542 653555
**Head Quarter** - Cefla s.c. Via Selice Provinciale, 23/a - 40026 Imola - Bo (Italy) tel. +39 0542 653111 - fax +39 0542 653344
**Cefla North America, Inc.** - 6125 Harris Technology Blvd. Charlotte, NC 28269 - U.S.A. Toll Free: (+1) 800.416.3078 Fax: (+1) 704.631.4609

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ




HyperSphere Technology

**FREE TO MOVE**
Maximum freedom of movement with innovative ball joint (Patented).



# RXDC
# Hyper Technology.

Innovative design, revolutionary ergonomics, advanced technology. RXDC - HyperSphere technology brings the best of DC X-ray units into your surgery.
**MyRay, just right for you.**

**MAXIMUM FLEXIBILITY**
The wireless remote controller, the multi-mode option and the 28 adjustment levels (depending on sensor sensitivity) ensure full adaptability whatever your operating requirements.

**PRECISION X-RAY IMAGING**
A constant potential head tube (8 mA) with a tiny focal spot (0.4 mm at 30 cm) produces optimal images under all circumstances.

**INNOVATIVE ERGONOMICS**
The RXDC unit features HyperSphere technology which, thanks to the full-swivel ball joint, can reach any position with ease.

**COMPLETE RELIABILITY**
Built from high quality materials and featuring a comprehensive array of equipment. Versatile and easy to install, this X-ray unit is reliable whatever the situation.




**SIMPLE AND IMMEDIATE: WIRELESS**
The wireless remote controller lets the user control the device (by communicating with the X-ray tube) while enjoying full freedom of movement. Access to exposure programmes is provided via two simple settings. The large display shows the sequential exposure monitor and the patient exposure dose; moreover, the controller has a wireless X-ray **snapshot** button. Wireless device control allows fast, easy installation: no fixed control panels are required, thus providing greater freedom when positioning the X-ray unit.



**MECHANICAL RELIABILITY**
The solid, light, extruded aluminium arms feature an effective, integrated self-balancing system that reduces any risk of tube head vibration during image acquisition.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

# Hyper Ergonomy.

RXDC - HyperSphere technology allows attainment of any position with ease thanks to the revolutionary ball joint. Outstanding ergonomics ensures all your diagnostic needs are met effortlessly.

HyperSphere technology gives the RXDC unit full rotation capability. The tube revolves freely around the joint, allow it to reach practically any position, including the vertical.
RXDC - HyperSphere technology also features an automatic touch-sensitive device for simple, efficient locking/release of the X-ray head tube so it can be repositioned effortlessly between one exposure and the next. Ergonomic zones on the sides of the head provide a firm grip for effective positioning.
**Extensive positioning.**

- electro-brake with touch-sensitive control
- infinite position range
- maximum versatility
- complete reliability






**EASY TOUCH**
Effortless locking, release and repositioning.

**COMFORT POSITIONING**
Two comfortable handles for a secure grip and the best possible positioning.



**INFINITE POSITIONS, INFINITE DIAGNOSTIC CAPABILITY**
Diagnosis with unlimited movement thanks to the revolutionary ball joint which allows simple yet precise head repositioning and effortless attainment of even the trickiest positions.

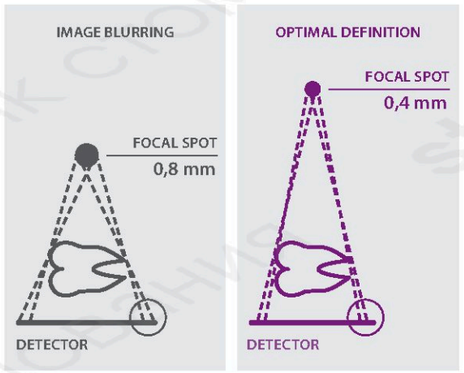


**INSTALLATION VERSATILITY**
The extruded aluminium arms - available in lengths of 40 cm, 60 cm and 90 cm to ensure outstanding installation versatility - are equipped with an integrated self-balancing system. Solid and light, they can be pointed in any direction and reduce any risk of tube head vibration during image acquisition.

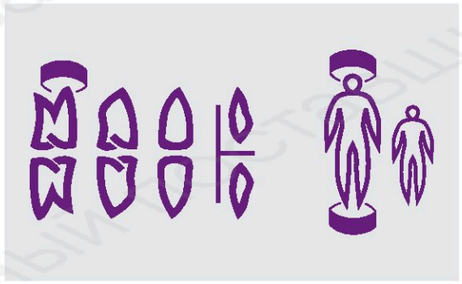
https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

# Hyper Performance.

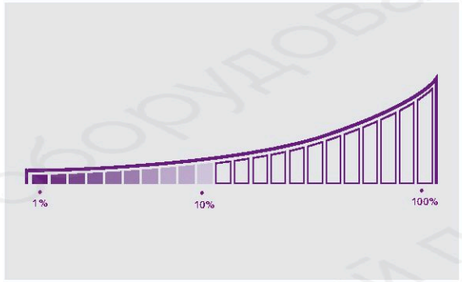
In RXDC - HyperSphere technology, advanced ergonomics, technological innovation and revolutionary design merge to provide users with ultra-sharp images.




Sharp images at all times RXDC - HyperSphere technology provides your surgery with optimum X-ray quality whatever the type of sensor connected. Now even more powerful, with 70 kV and 8 mA, even more flexible and suitable for all commercially available sensors. The constant potential head tube, associated with the smallest intraoral imaging focal spot available (0.4 mm), ensures the best images whatever your diagnostic needs.
**High definition diagnostic.**



**MULTI-MODE**
Maximum flexibility to meet your diagnostic needs. Automatic parameter modulation ensures exposure power and time are always selected according to the patient's build and the specific region of investigation.

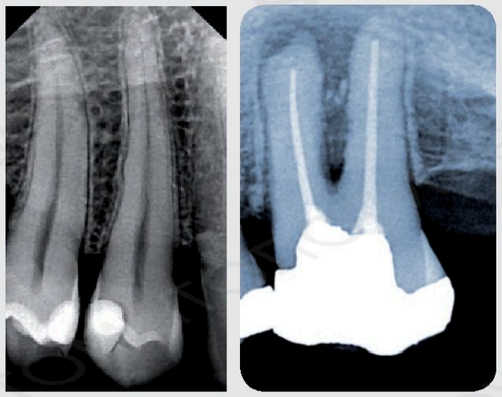



**SEQUENCED EXPOSURE**
The dynamic service cycle allows uninterrupted use of the RXDC, as in the case of systematic examinations, and real-time monitoring of tube head temperature on the large wireless controller display.

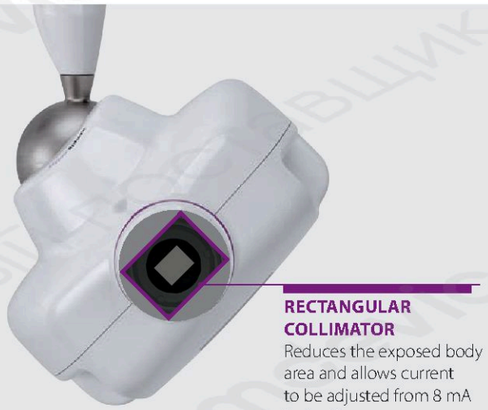


**COMPLETE EQUIPMENT SET**
RXDC - HyperSphere technology features a 30 cm cone with a circular and rectangular collimator. The rectangular collimator is ideal for reducing the X-ray dose administered to the patient as it limits the irradiated body area to the effective capture capacity of the sensor.

**MAXIMUM QUALITY**
With a tiny focal spot of 0.4 mm (at 30 cm), RXDC - HyperSphere technology produces sharp images under any condition. The tube head is now even more powerful as it operates at 70 kV, 8 mA. RXDC - HyperSphere technology gives your surgery the precision and quality of cutting-edge know-how.



**MINIMUM DOSE**
The constant potential high frequency (DC) generator reduces the most harmful low energy radiation that is characteristic of analogue (AC) generators: current is adjustable (from 8 mA to 4 mA), as are exposure times. Moreover, the long cone (30 cm) with incorporated rectangular collimator reduces the exposed surface area. This maximises image quality and safeguards patient and worker health.






https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ