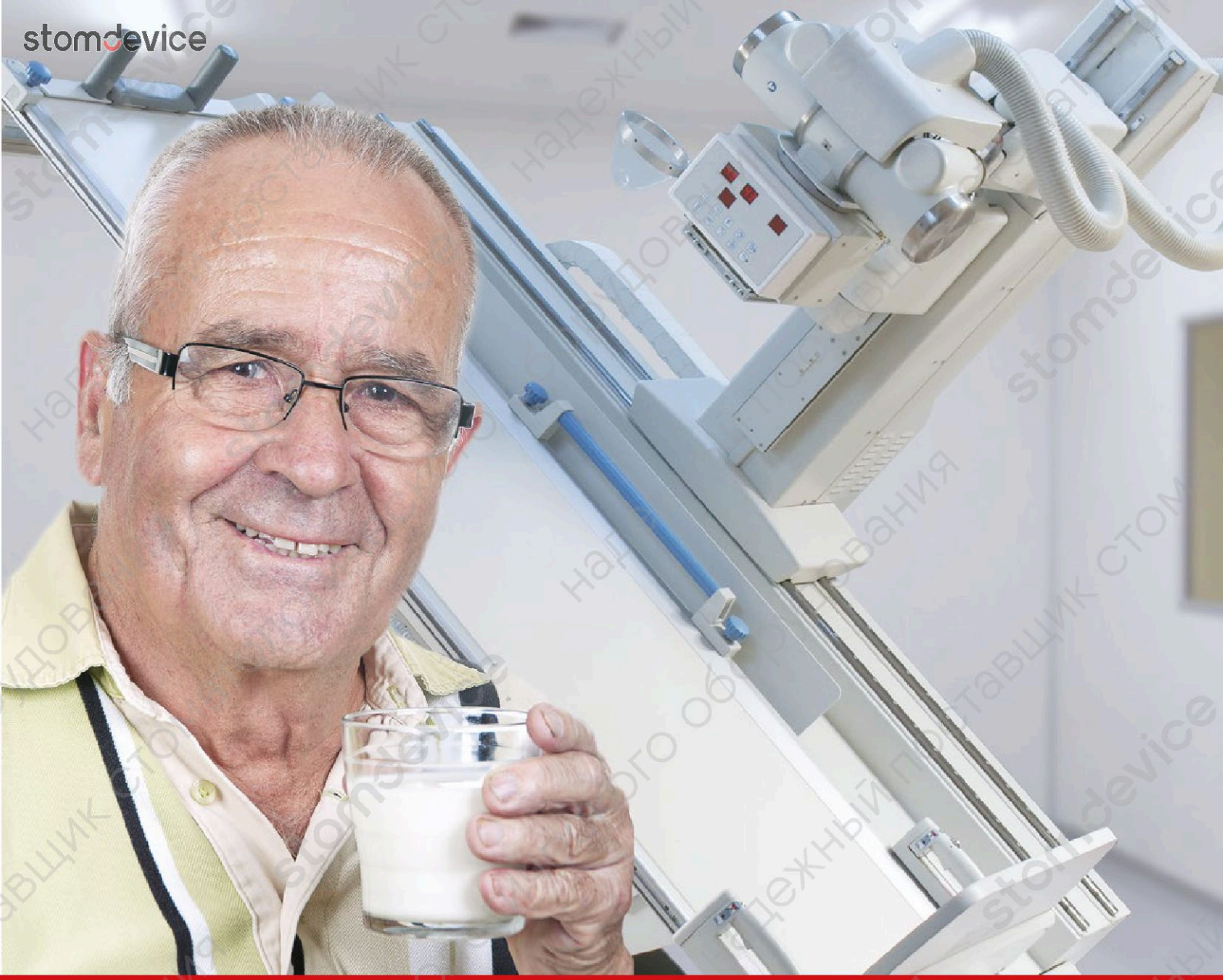
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# REMOTE CONTROL X-RAY DIAGNOSTIC SYSTEM

## TELEMEDIX-R-AMICO

AMICO x-ray technologies

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

## WIDE RANGE OF IMAGING MODALITIES — HIGH WORKFLOW OF THE RADIOLOGY UNIT

**The remote control X-ray diagnostic system TELEMEDIX-R-AMICO —** is a multifunctional apparatus combining the potential of all three X-ray units in one.

Enables complex radioscopic and radiographic examinations

**Factors contributing to the high workflow of the radiology unit:**

**— digital format:**
all imaging is performed in digital format due to the use of a flat panel detector working in fluoroscopy, radiography, and tomography modes;

**— wide range of examinations:**
the machine allows to perform routine investigations with minimal effective doses;

**— remote control:**
remote control is used to reduce radiation exposure for physicians and increase the service time of the equipment.

## EASY POSITIONING AND INDIVIDUAL APPROACH

The use of anatomically programmed radiography helps the physician to accelerate examinations. One touch of a button is enough regardless of patient body size.

Creation of personal programs is possible, as well as a manual control of the exposition.

The adjustable height of the remote-controlled tilting table above the floor level makes examinations comfortable and convenient for low-mobility patients.

Adjustment of the table turn during assembly is enabled, thus allowing installation in unusually shaped rooms.





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## EXPANDED DIAGNOSTIC OPPORTUNITIES

The wide choice of tomography parameters (9 angles, 8 speeds, and adjustable focal length during tomography) supports various types of imaging depending on individual clinical diagnostic goals, thus enhancing the quality of obtained images by decreasing geometric distortion for any dimensions of the examined object.

## FULL-FIELD DETECTOR FOR ANY EXAMINATIONS AND HIGH IMAGE QUALITY

The digital flat panel detector with a working field measuring 43 × 43 cm guarantees excellent image quality in all modes: fluoroscopy, pulsed fluoroscopy, radiography and tomography, thus enabling the whole range of examinations with the use of the same machine.





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## Dynamic flat-panel detector

| | |
|---|---|
| The detector has a working field measuring | 43 × 43 cm (17 × 17") |
| Spatial resolution | up to 4 line pairs/mm |
| Number of images in radioscopy mode | up to 30 images per second |
| Working mode of the detector | digital fluoroscopy<br>digital pulsed fluoroscopy<br>digital radiography<br>digital tomography |

## High-frequency X-ray power supply device

| | |
|---|---|
| Output power | 65 kW (100 kV 630 mA) |
| Voltage range | 40–150 kV |
| Manual control of exposition | yes |
| Anatomically programmed radiography | yes |
| Creation of personal programmes | yes |

## X-ray generator with a state-of-the-art double-focus type X-ray tube

| | |
|---|---|
| Effective focal spot size | small spot — 0.6 mm,<br>large spot — 1.2 mm |
| Anode rotation speed | 9000 rpm |
| Rotation range of the X-ray emitter | ±180° |

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* The manufacturer reserves the right to make changes in complete, technical parameters and design of the equipment.

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Certified Quality System mdc ISO 13485

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