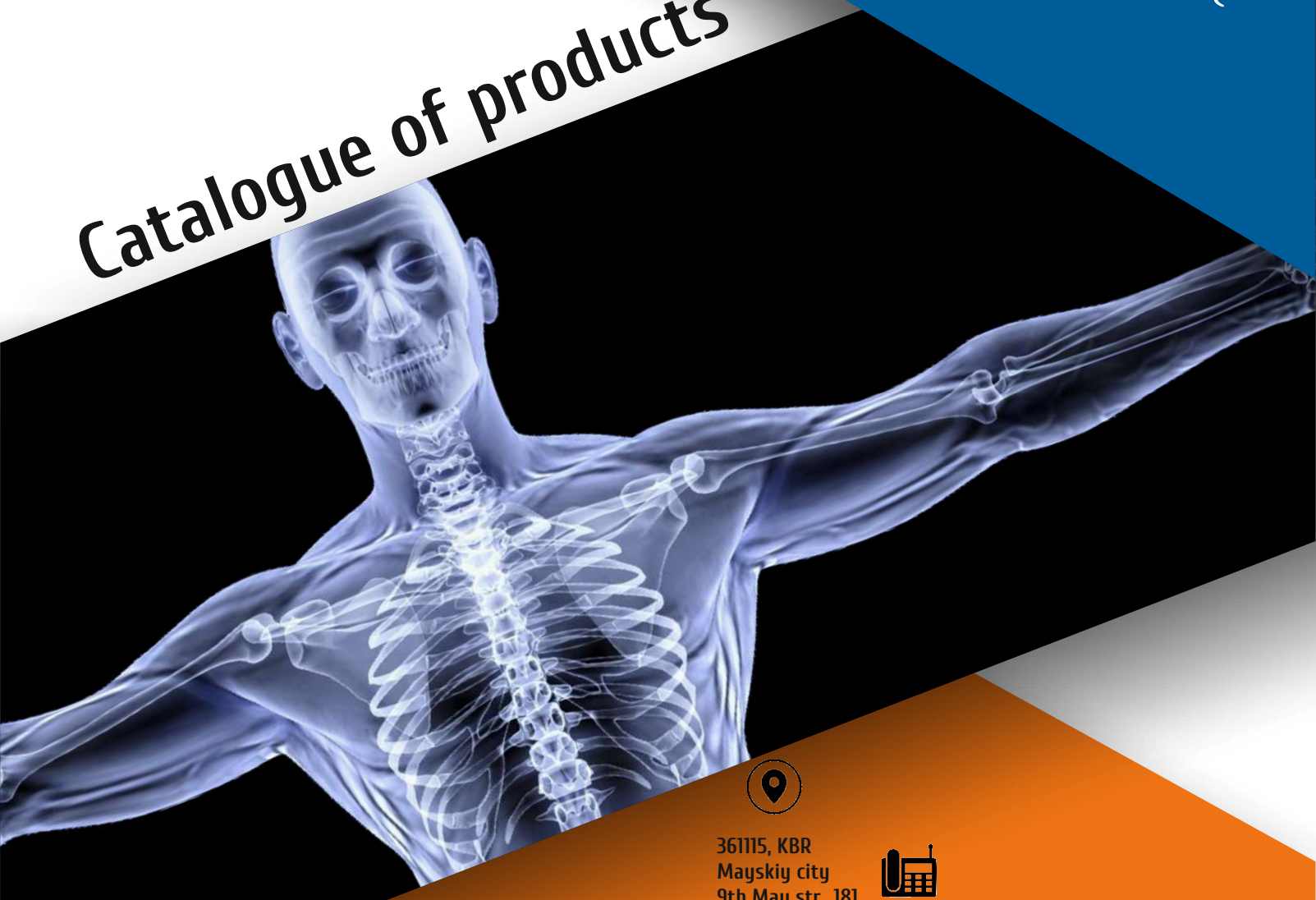
Sevkavrentgen-D®

One of the leading domestic manufacturers and suppliers of modern high-tech x-ray diagnostic equipment and stands of medical devices

Catalogue of products



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LICENSES


ЛИЦЕНЗИЯ


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REGISTRATION CERTIFICATES


РЕГИСТРАЦИОННОЕ УДОСТОВЕРЕНИЕ
№ ФСР 2011/10520


РЕГИСТРАЦИОННОЕ УДОСТОВЕРЕНИЕ
№ ФСР 2012/14039


РЕГИСТРАЦИОННОЕ УДОСТОВЕРЕНИЕ
№ ФСР 2012/13704


РЕГИСТРАЦИОННОЕ УДОСТОВЕРЕНИЕ
№ ФСР 2009/06159


РЕГИСТРАЦИОННОЕ УДОСТОВЕРЕНИЕ
НА МЕДИЦИНСКОЕ ИЗДЕЛИЕ


РЕГИСТРАЦИОННОЕ УДОСТОВЕРЕНИЕ
НА МЕДИЦИНСКОЕ ИЗДЕЛИЕ

CONFORMANCE CERTIFICATES


СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р
СЕРТИФИКАТ СООТВЕТСТВИЯ


СЕРТИФИКАТ СООТВЕТСТВИЯ


СЕРТИФИКАТ СООТВЕТСТВИЯ

CONTENT

ABOUT THE COMPANY

In 1958 was the beginning of a long and glorious history of "Sevkavrentgen" factory, celebrated its 60th anniversary in 2018.

The legal successor of the enterprise since 2008 is "Sevkavrentgen-D" Co., Ltd., which is one of the leading producers and suppliers of modern high-tech X-ray diagnostic equipment and stands of medical devices.

The company was able not only to keep its old production base in working order, but also to re-equip production facilities with new high-precision and high-performance equipment.

The factory has:

- its own designing bureau, which includes the Department of kinematic and mechanical design;
- department of electronic control modules' development;
- IT-service that develops its own software products;
- the production site allowing to carry out a full cycle of products manufacturing;
- highly qualified maintenance department.

Visit of S. K. Kuznetsov, the Minister of Russian Federation for the North Caucasus , Mayskiy city, 2014

A.B. Kanokov, the Head of Kabardino-Balkarian Republic and representatives of Administration of Mayskiy District in «Sevkavrentgen-D» enterprise, Mayskiy city 2014

Visit of A.G. Khloponin, the Deputy of Head of Government of the Russian Federation, Mayskiy city, 2011

The visit of Austrian delegation at the head of vice-president of Federal house of economy Richard Schenz, Mayskiy city, 2016

Representatives of ministry and authorities of KBR on 60th anniversary of the factory, Mayskiy city, 2018

K.V. Kokov, the Head of KBR and Matovnikov A.A. authorized representative of president of RF in North Caucasus Federal District, Mayskiy city, 2018

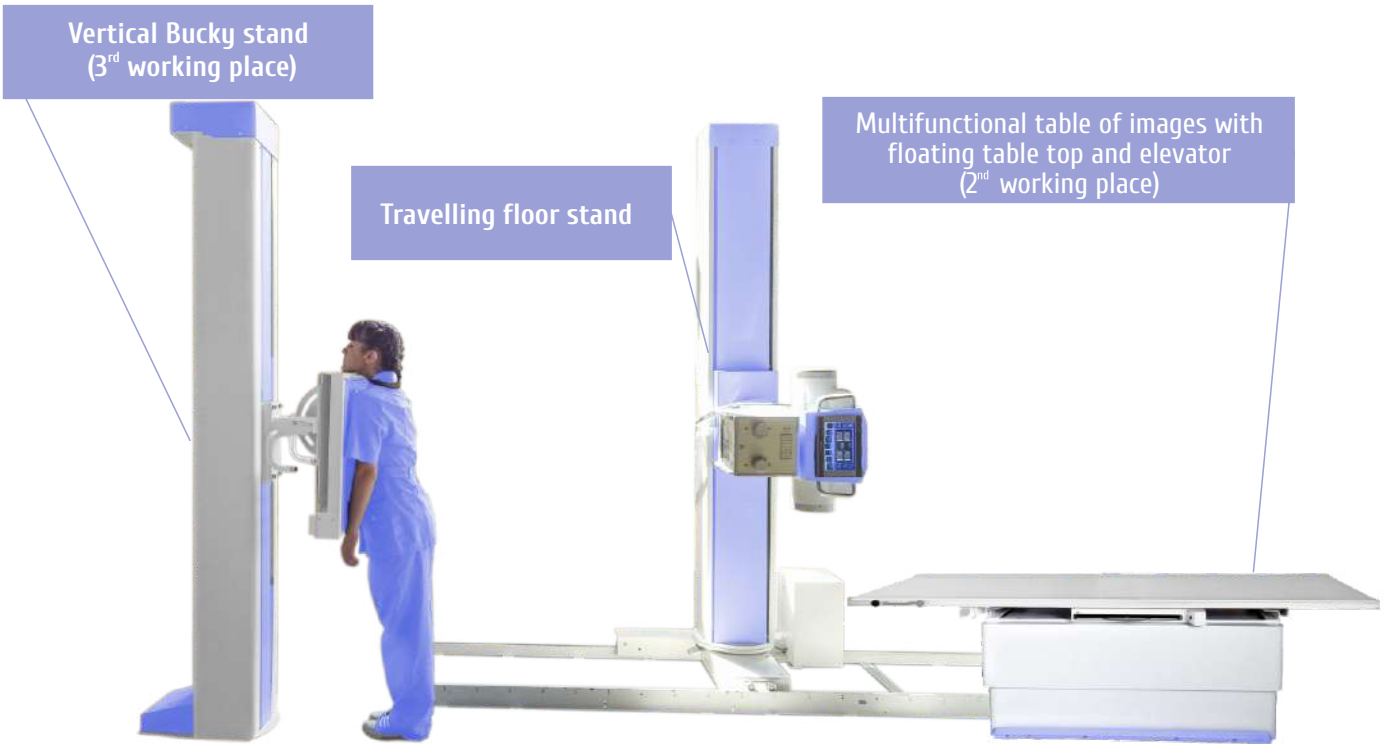
Representatives of "Sevkavrentgen-D" Co., Ltd on the business-forum for businessmen of Kasakhstan and North-Caucasus , Grozniy city, 2016

Exhibition stand of "Sevkavrentgen-D" Co., Ltd on International medical exhibition "Zdravookhraneniye-2017", Moscow city, 2017

Representatives of "Sevkavrentgen-D" Co., Ltd on International medical exhibition "Zdravookhraneniye-2018", Moscow city, 2018

X-ray diagnostic complex "Diakom"

according to Technical Requirements 9442-001-86112671-2009, version 1
analog, with film processor



X-ray diagnostic complex for 2 working places «Diakom» corresponds to the highest requirements, is easy to install and can perform any traditional radiographic examinations, including also linear tomography.

It is an ideal solution for research in emergency medicine. Horizontal and vertical movement of x-ray emitter with the possibility of rotation ±180 provides multi projection examinations.

The sizes of the floating table top and its movements, as well as the Bucky system, allow to cover all anatomical areas of the patient.

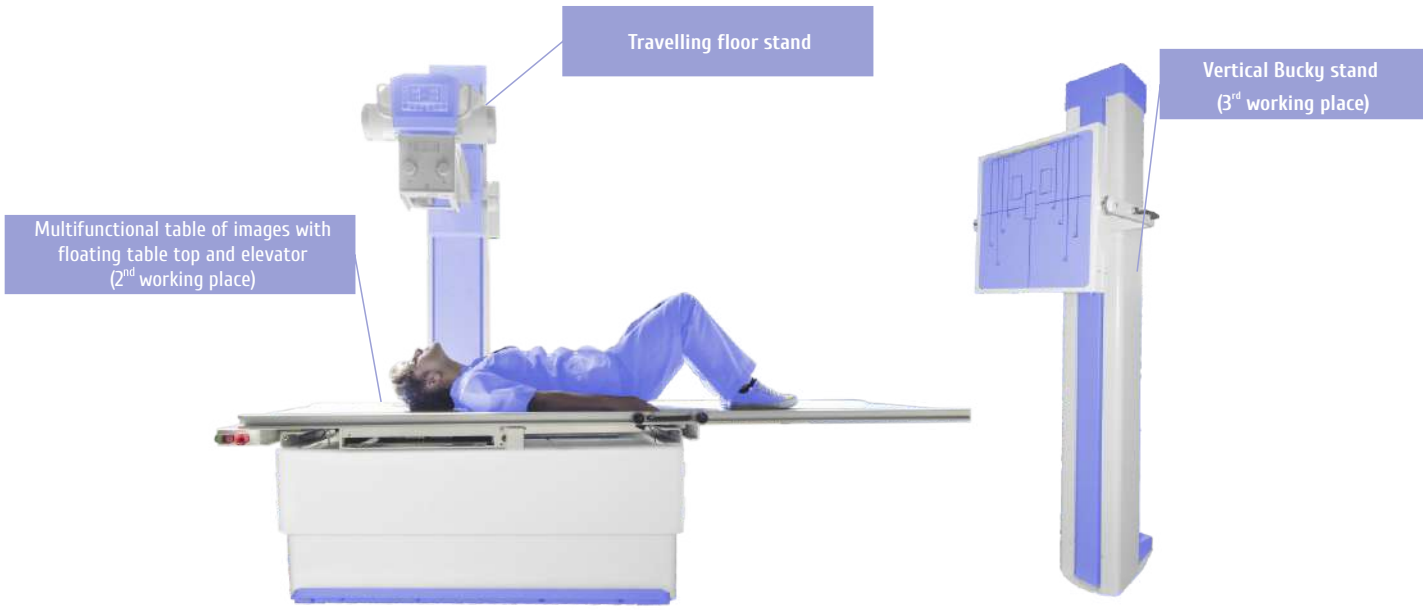
The system allows carrying out of a wide range of examinations, while having a low cost and high performance.

COMPLETE SET

Table with the tube stand (2nd working place);
Vertical Bucky stand (3rd working place);
Collimator;
High frequency generator;
Diagnostic X-ray emitter;
Pair of high voltage cables;
Film processor;
Set of radiography cassettes;
Medical X-ray film;
Starting set of chemical agents;
Set of X-ray protective clothes;
X-ray dosimeter;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

X-ray diagnostic complex "Diakom"

according to Technical Requirements 9442-001-86112671-2009, version 1
digital, on base of computer radiography system



Digital x-ray diagnostic complex for two working places "Diakom" meets all modern requirements of visualization. Complexes "Diakom" with a computer radiography system combines a reliable technology for obtaining of high-quality digital images with a simple and intuitive graphical user interface.

Horizontal and vertical movement of the X-ray emitter with the possibility of rotation ±180 provides multi projection examinations. The sizes of floating table top and its movements, as well as the Bucky system, allow to cover all anatomical areas of the patient.

The system allows carrying out of a wide range of examinations, while having a low cost, high reliability and performance.

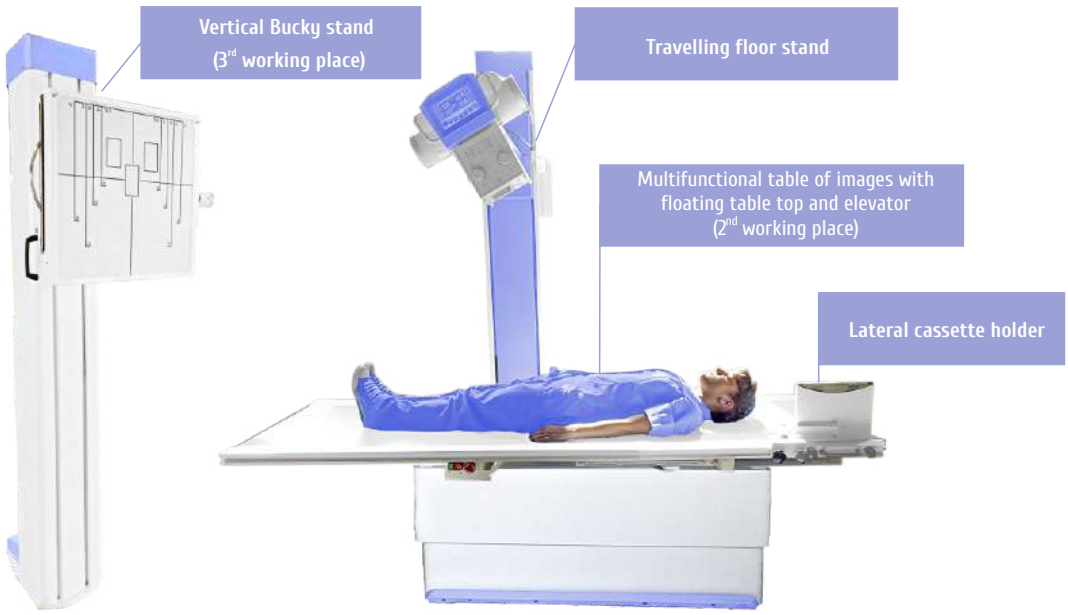
COMPLETE SET

Table with the tube stand (2nd working place);
Vertical Bucky stand (3rd working place);
Collimator;
High frequency generator;
Diagnostic X-ray emitter;
Pair of high voltage cables;
Computer radiography system;
Set of CR cassettes with intensifying screens;
Workstation of the doctor;
Workstation of the laboratory assistant;
High resolution display;
Multi-format laser camera with starting set of the film;
X-ray dosimeter;
Set of X-ray protective clothes;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

"SEVKAVRENTGEN-D" Co., LTD, 361115, Russia, KBR, Mayskiy city, 9th May str. 181, +7(86633)2-14-75,info@skrz.ru,medical.skrz.group

X-ray diagnostic complex "Diakom"

according to Technical Requirements 9442-001-86112671-2009, version 1
digital, on base of portable wireless flat-panel detector



X-ray digital diagnostic complex for 2 working places "Diakom" due to high performance is the ideal solution for operational diagnostic examinations.

The main features and advantages of this complex, when performing any traditional radiographic examinations, including linear tomography are: high quality images, acquisition of full-format digital images 35x43 cm and minimal distortion of images.

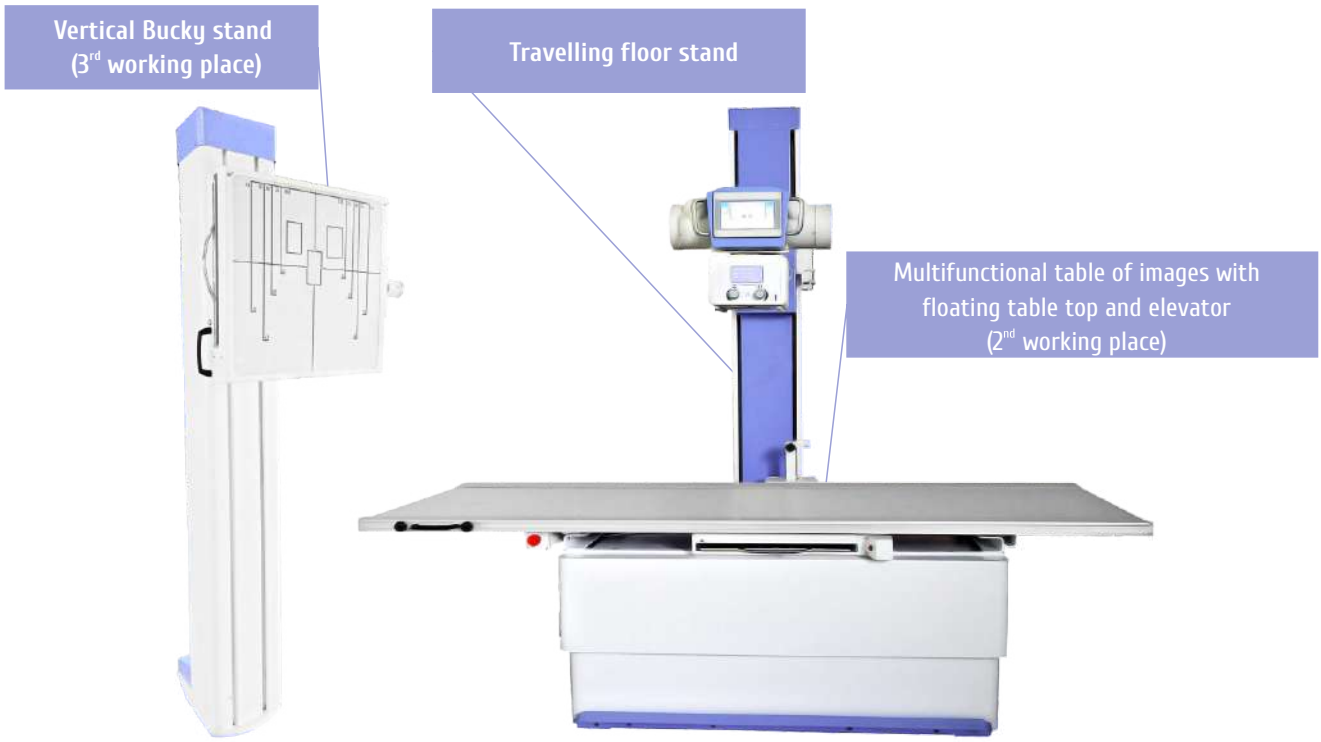
This system meets the highest requirements, is easy to install and can perform any traditional x-ray examinations.
It is an ideal solution for researches in emergency medicine. The system allows to carry out a wide range of examinations, having at the same time high reliability and performance.

COMPLETE SET

Table with the tube stand (2nd working place);
Vertical stand (3rd working place);
Collimator;
High frequency generator;
Diagnostic X-ray emitter;
Pair of high voltage cables;
Portable wireless flat-panel detector-1 pc.;
Workstation of the doctor;
Workstation of the laboratory assistant;
High resolution display;
Multi-format laser camera with starting set of the film;
X-ray dosimeter;
Set of X-ray protective clothes;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

X-ray diagnostic complex "Diakom"

according to Technical Requirements 9442-001-86112671-2009, version 1
digital, on base of 2 flat-panel detectors



This digital complex, thanks to the simple installation and the ability to perform any traditional x-ray examinations, including also linear tomography, is suitable for use in medical institutions of various directions. It's ideal for researches in emergency medicine.

Efficiency of examinations, high quality of received images with minimal visual distortions, reliability and productivity are the main features of "Diakom" complex.

COMPLETE SET

Table with the tube stand (2nd working place);
Vertical stand (3rd working place);
Collimator;
High frequency generator;
Diagnostic X-ray tube;
Pair of high voltage cables;
Stationary flat-panel detector - 2 pcs.;
Workstation of the doctor;
Workstation of the laboratory assistant;
High resolution display;
Multi-format laser camera with starting set of the film;
X-ray dosimeter;
Set of X-ray protective clothes;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

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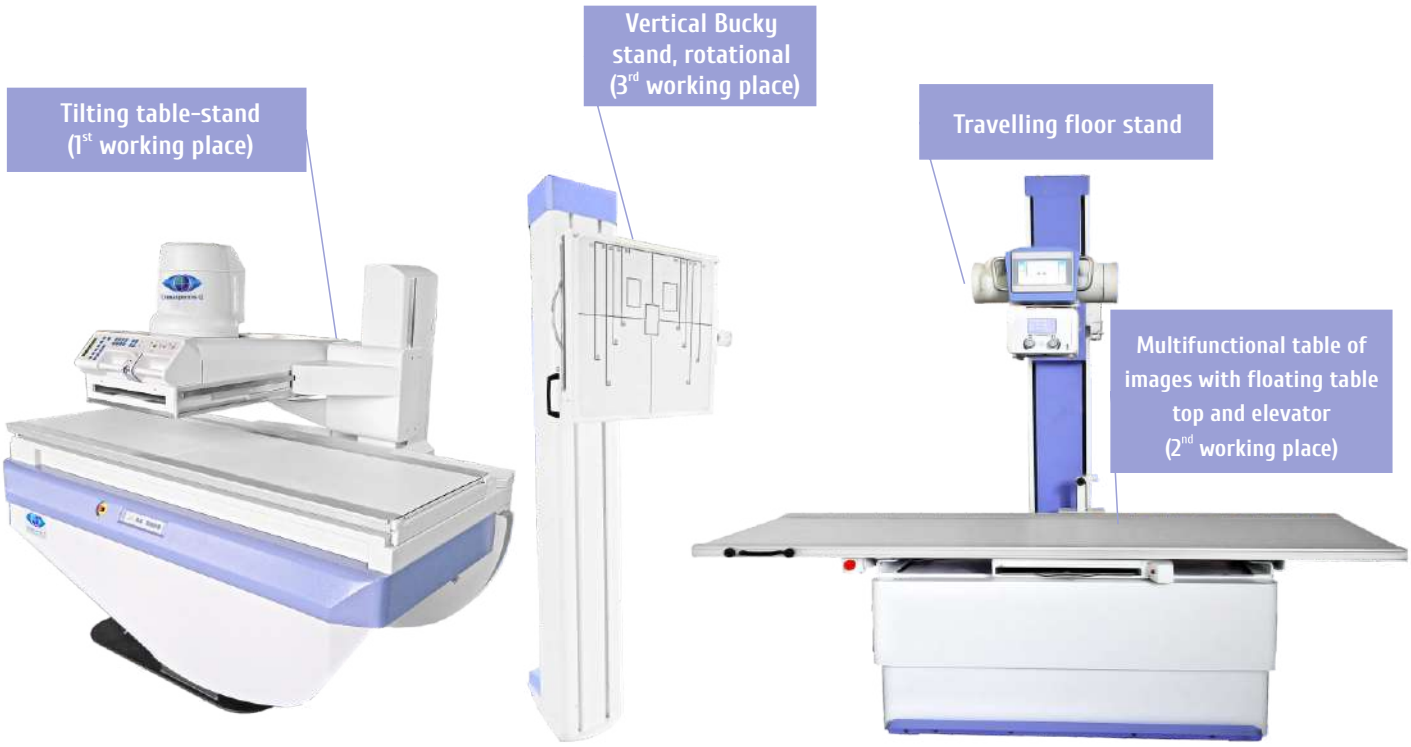
X-ray diagnostic complex "Diakom"

according to Technical Requirements 9442-001-86112671-2009, version 2
analog, with film processor



Complex "Diakom" for three working places is easy to install and can perform any traditional radiographic and fluoroscopic examinations, such as radiography, fluoroscopy and linear tomography.

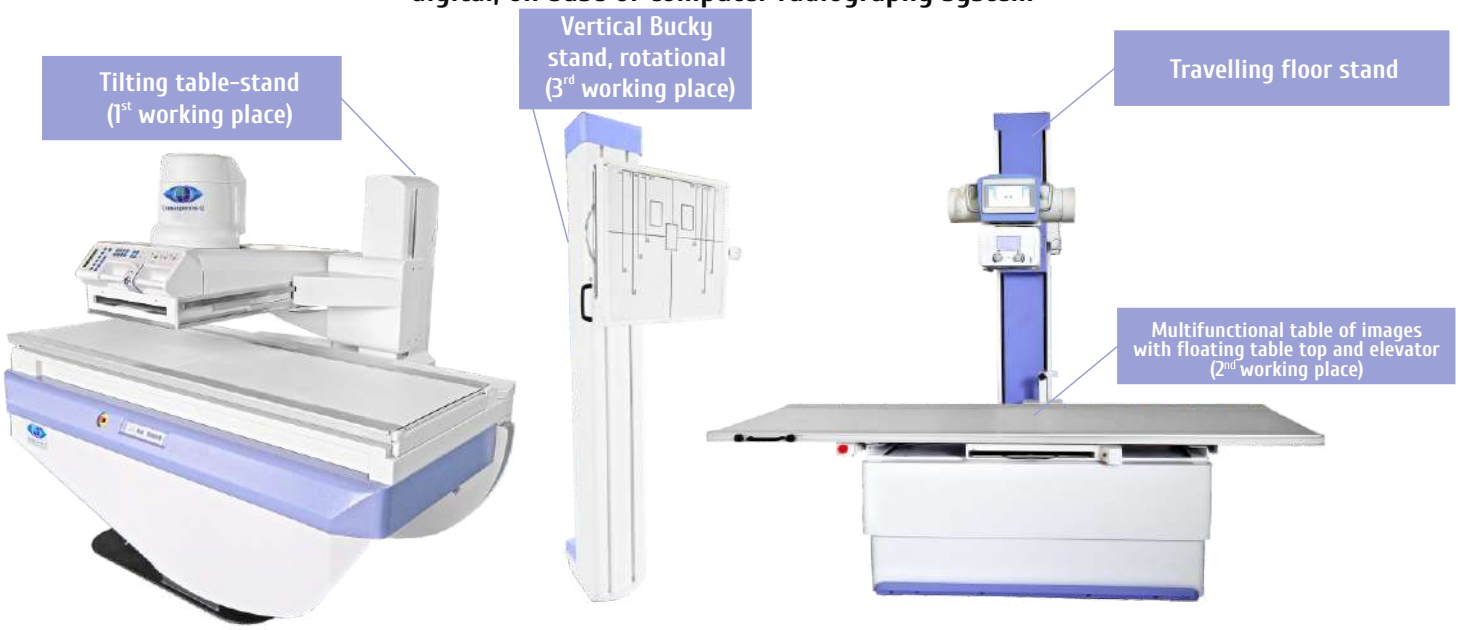
Also on the tilting table-stand is possible to carry out gastroenterological examinations of the upper and lower gastrointestinal tract, including esophageal examinations: and on the table of images and vertical Bucky stand is possible to carry out skeletal and joint examinations.

COMPLETE SET

Tilting table-stand (1st working place);
Fluoroscopic images acquisition system;
Table with the tube stand (2nd working place);
Vertical Bucky stand (3rd working place);
Collimator;
High-frequency generator;
X-ray diagnostic emitter;
Pair of high-voltage cables;
Film processor;
Set of radiographic cassettes;
Medical X-ray film;
Starting set of chemical agents;
X-ray dosimeter;
Set of X-ray protective clothes;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

X-ray diagnostic complex "Diakom"

according to Technical Requirements 9442-001-86112671-2009, version 2
digital, on base of computer radiography system



Complex "Diakom" for three working places with a computer radiography system combines a reliable technology for receiving of high-quality digital images with a simple and intuitive graphical user interface.

The complex can perform any standard radiographic and fluoroscopic x-ray examinations, such as radiography, fluoroscopy and linear tomography.

Also on the tilting table-stand is possible to carry out gastroenterological examinations of the upper and lower gastrointestinal tract, including esophageal examinations; and on the table of images and vertical Bucky stand is possible to carry out skeletal and joint examinations.

COMPLETE SET

Tilting table-stand (1st working place);
Fluoroscopic images acquisition system;
Table with the tube stand (2nd working place);
Vertical Bucky stand (3rd working place);
High frequency generator;
Diagnostic X-ray emitter with collimator;
Pair of high voltage cables;
Computer radiography system;
Set of CR cassettes with intensifying screens;
Workstation of the doctor with display;
Workstation of the laboratory assistant;
Multi-format laser camera;
X-ray dosimeter;
Set of X-ray protective clothes;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

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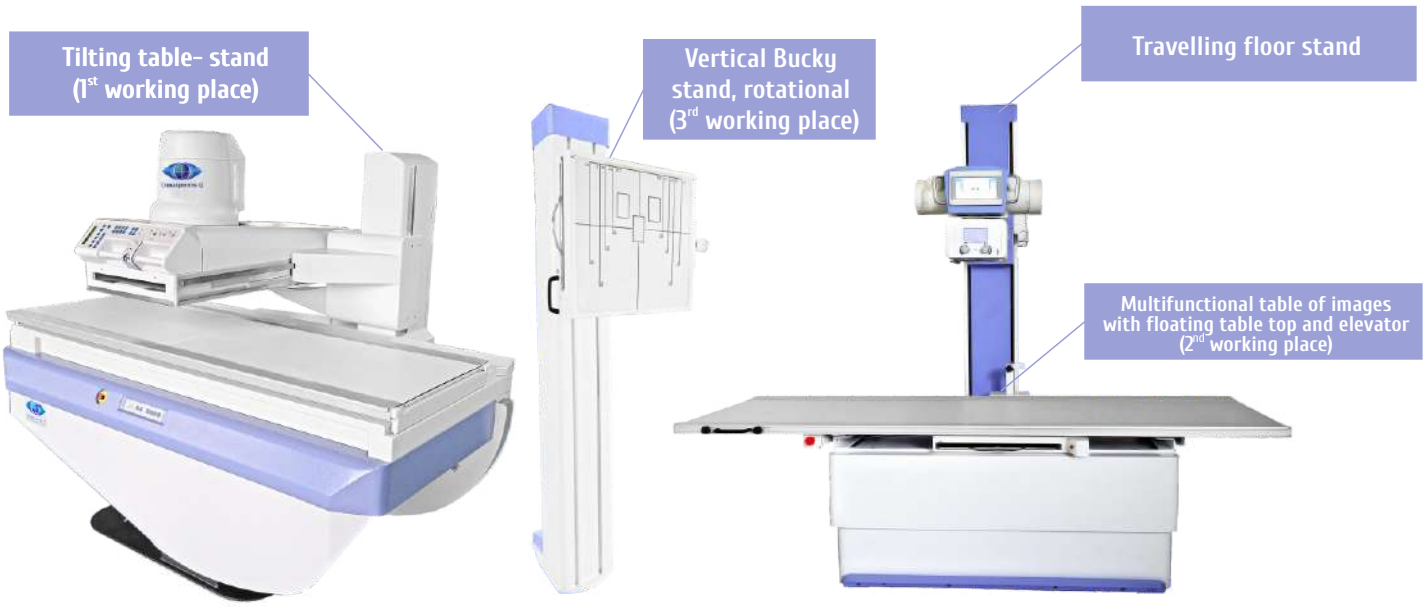
X-ray diagnostic complex "Diakom"

according to Technical Requirements 9442-001-86112671-2009, version 2
digital, on base of portable wireless flat-panel detector



The complex is designed for standard x-ray examinations: radiography and linear tomography in a digital form on the table of images and vertical Bucky stand with using of digital flat-panel detectors, and fluoroscopy on the tilting table with using of the image acquisition system based on Image Intensifier.
This complex allows not only to receive digital diagnostic images, but also to make their processing with the subsequent saving and transfer of the received information.

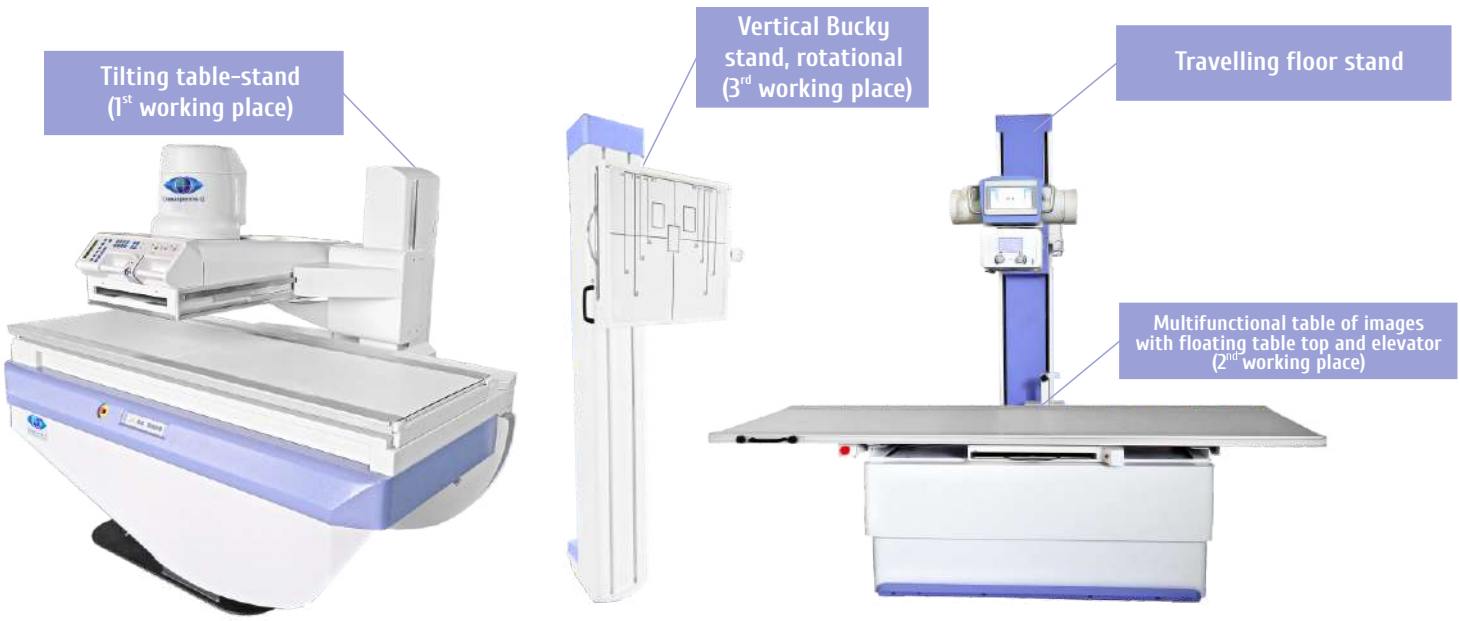
Of the features of the complex can be distinguished receiving of high-quality full-format images, examinations with using of radiopaque substances.

COMPLETE SET

Tilting table-stand (1st working place);
Fluoroscopic images acquisition system;
Table with the tube stand (2nd working place);
Vertical Bucky stand (3rd working place);
Collimator;
High frequency generator;
Diagnostic X-ray emitter;
Pair of high voltage cables;
Portable wireless flat-panel detector-1 pc.;
Workstation of the doctor;
Workstation of the laboratory assistant;
High resolution display;
Multi-format laser camera with starting set of the film;
X-ray dosimeter;
Set of X-ray protective clothes;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

X-ray diagnostic complex "Diakom"

according to Technical Requirements 9442-001-86112671-2009, version 2
digital, on base of 2 flat-panel detectors



The complex is designed for standard x-ray examinations: radiography and linear tomography in digital form on the table of images and vertical Bucky stand with using of digital flat-panel detectors, and fluoroscopy on the tilting table-stand with using of the image acquisition system based on Image Intensifier. This complex allows not only to receive digital diagnostic images, but also to make their processing with the subsequent saving and transfer of the received information.

Of the features of the complex can be distinguished receiving of high-quality full-format images, examinations with using of radiopaque substances.

COMPLETE SET

Tilting table-stand (1st working place);
Fluoroscopic images acquisition system;
Table with the tube stand (2nd working place);
Vertical Bucky stand (3rd working place);
High frequency generator;
Diagnostic X-ray emitter with collimator;
Stationary flat-panel detector -2 pcs.;
Workstation of the doctor with display;
Workstation of the laboratory assistant;
Multi-format laser camera with starting set of the film;
X-ray dosimeter;
Set of X-ray protective clothes;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

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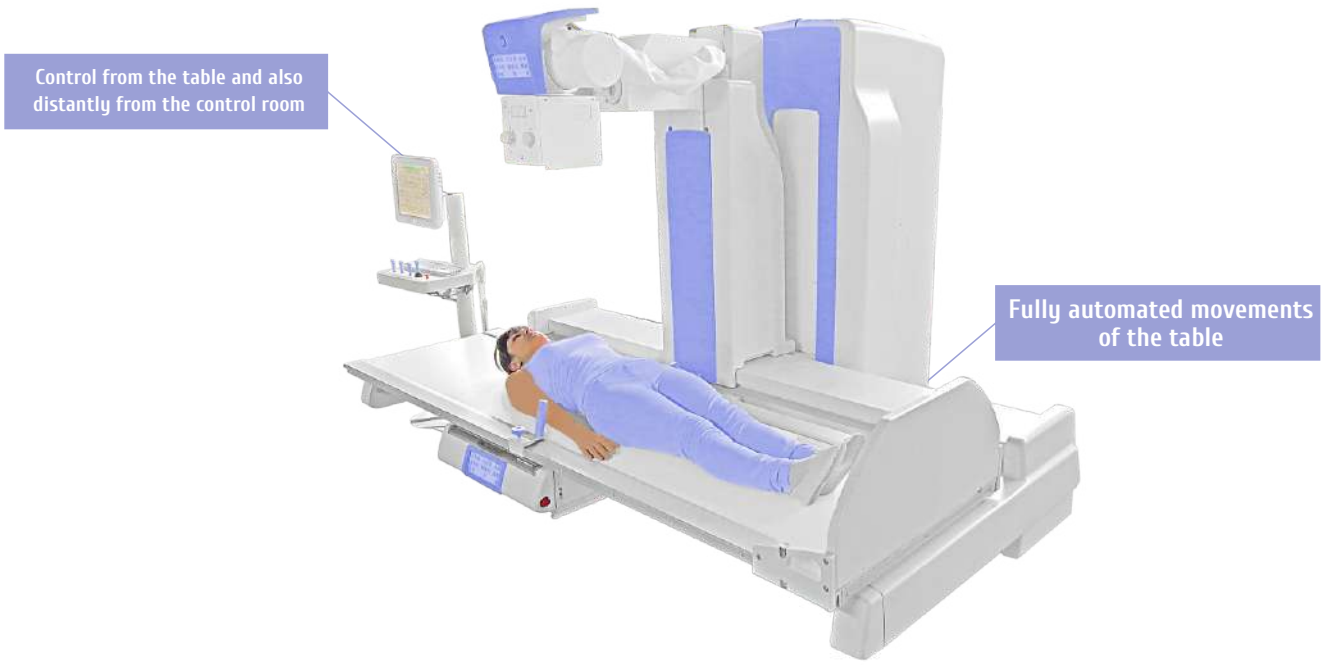
X-ray diagnostic complex "Diakom"

according to Technical Requirements 9442-001-86112671-2009, version 3
with analog TV system, with film processor



The remote-controlled x-ray diagnostic complex is a modern alternative to the equipment for three working places.

As an x-ray image receiver is used a TV- system based on X-ray Image Intensifier (II) with 9" diameter, which is a reliable technology for receiving of high-quality fluoroscopy with a simple and intuitive interface.

This complex allows not only to receive x-ray diagnostic images, but also to make x-ray examinations on cassettes with intensifying screens.

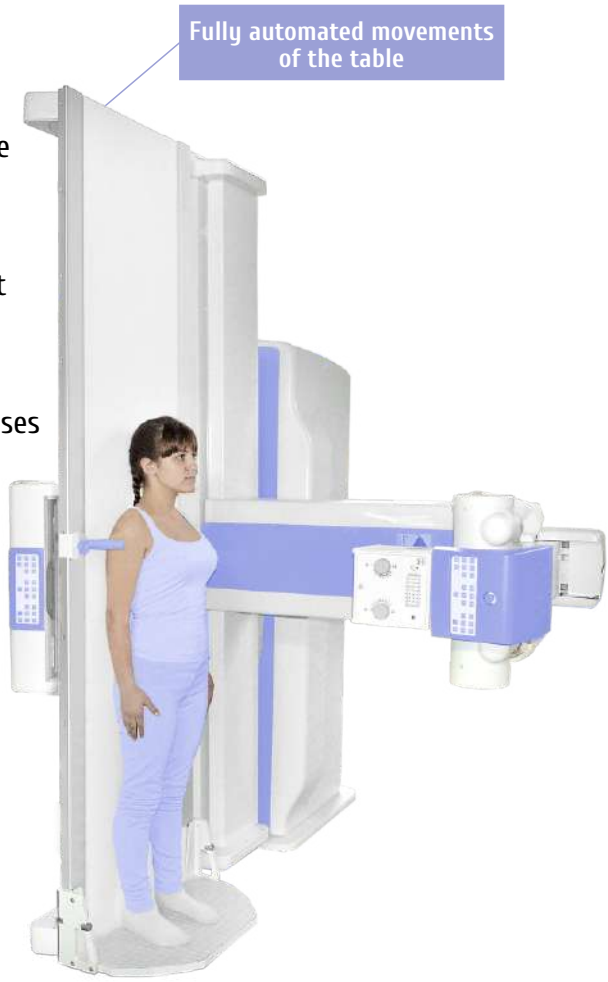
For convenient work of personnel and ensuring maximum patient safety, all movements of the table are automated, and the complex is controlled and directly at the device, and remotely – from the control room, at the operator's working place.

COMPLETE SET

The remote-controlled tilting table;
Fluoroscopic images acquisition system;
Collimator;
High frequency generator;
Diagnostic X-ray emitter;
Pair of high voltage cables;
Film processor;
Set of radiographic cassettes;
Medical x-ray film;
Stating set of chemical agents;
X-ray dosimeter;
Set of X-ray protective clothes;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

X-ray diagnostic complex "Diakom"

according to Technical Requirements 9442-001-86112671-2009, version 3
with analog TV system and computer radiography system



In this configuration of the remote-controlled complex, functions of the x-ray image receiver are performed by a TV system based on Image Intensifier (9 " -16 " in diameter).

To obtain digital radiographic images is used computer radiography system, which in comparison with traditional film radiology is the most economical way to translate an analog x-ray examination into a digital format.

A large dynamic range of sensitivity of the system allows to reduce doses of radiation and to avoid repeated studies.
Image analysis is performed using a powerful software package, that gives to the doctor universal and multifunctional diagnostic tool.

Thanks to this system it's possible to integrate the results of x-ray examinations into the electronic medical history.

COMPLETE SET

The remote-controlled tilting table;
Fluoroscopic images acquisition system;
Collimator;
High frequency generator;
Diagnostic X-ray emitter;
Pair of high voltage cables;
Computer radiography system;
Set of CR-cassettes with intensifying screens;
Workstation of the doctor;
Workstation of the laboratory assistant;
High resolution display;
Multi-format laser camera with starting set of the film;
X-ray dosimeter;
Set of X-ray protective clothes;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

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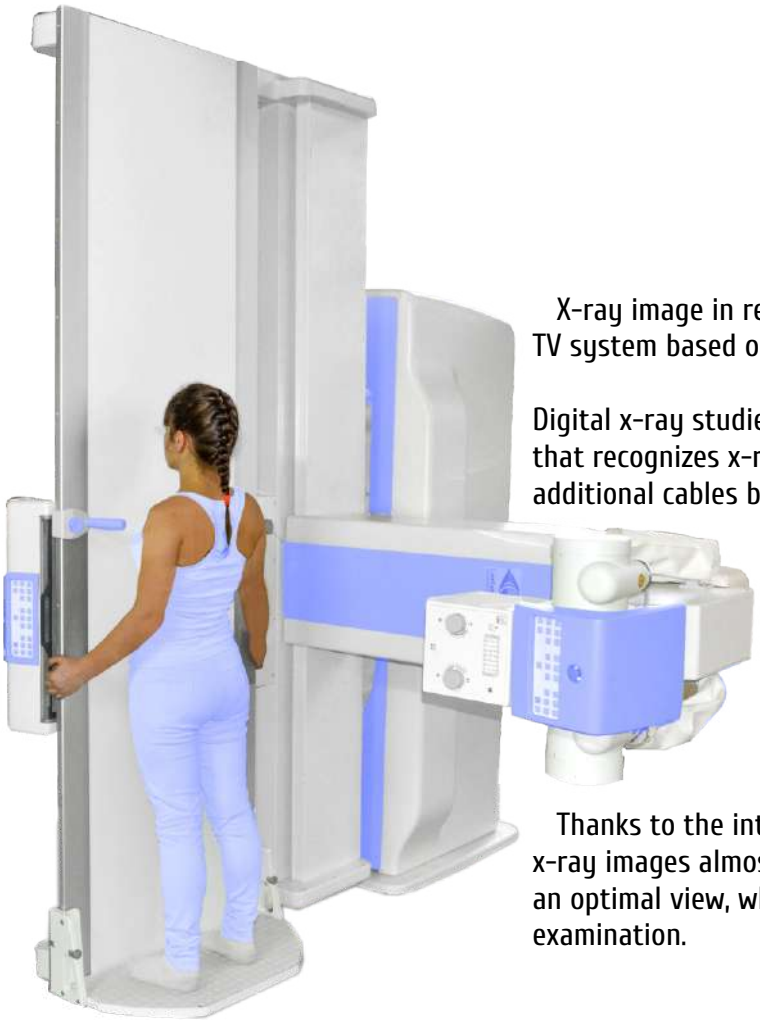
X-ray diagnostic complex "Diakom"

according to Technical Requirements 9442-001-86112671-2009, version 3
with analog TV system and portable wireless flat-panel digital detector



X-ray image in remote-controlled complex " Diakom" is received via TV system based on the Image Intensifier (9 " -16 " in diameter).

Digital x-ray studies are performed using a portable wireless detector that recognizes x-rays automatically. This allows to work without additional cables between the detector and the x-ray unit.

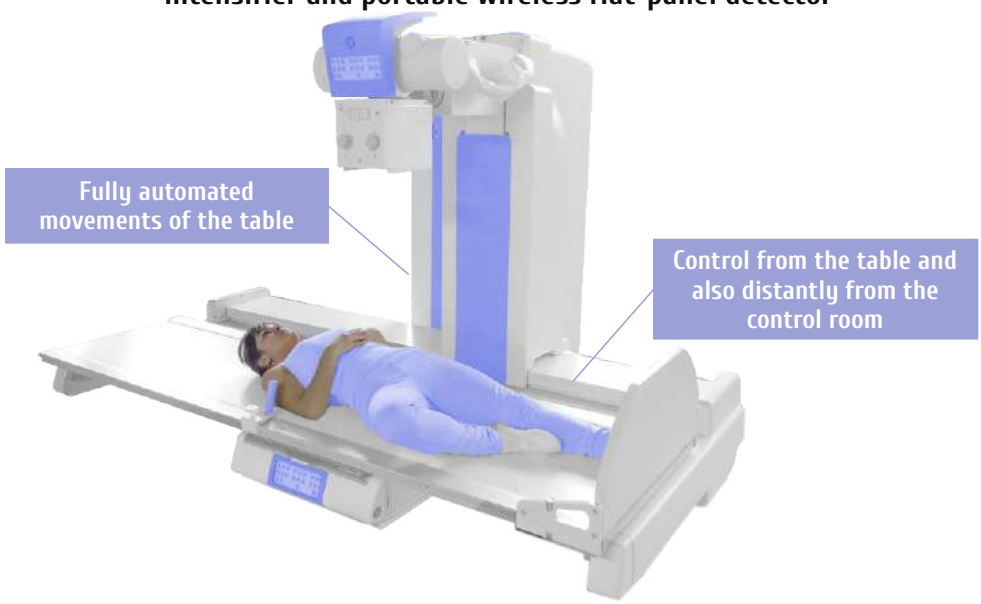
Thanks to the intuitive software, the system allows to get excellent x-ray images almost instantly and to edit them on a large screen with an optimal view, which helps to increase the speed and simplicity of examination.

COMPLETE SET

The remote-controlled tilting table;
Fluoroscopic images acquisition system;
Collimator;
High frequency generator;
Diagnostic X-ray emitter;
Pair of high voltage cables;
Portable wireless flat-panel detector;
Workstation of the doctor;
Workstation of the laboratory assistant;
High resolution display;
Multi-format laser camera with starting set of the film;
X-ray dosimeter;
Set of X-ray protective clothes;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

X-ray diagnostic complex "Diakom"

according to Technical Requirements 9442-001-86112671-2009, version 3
with digital fluoroscopy acquisition system on base of Image Intensifier and portable wireless flat-panel detector



The digital remote-controlled x-ray diagnostic complex provides all types of radiographic and fluoroscopic examinations in digital format: the upper part of the gastrointestinal tract, including examinations of the esophagus, examinations with contrast material; examinations of the chest in a vertical position and on a tilting table in a horizontal plane.

A digital system based on Image Intensifier (9"-16" in diameter) and a mobile wireless flat-panel detector are used as an x-ray image receiver.

The complex allows not only receiving of digital diagnostic images, but also performing of their processing with following saving and transmitting of the received information.

For convenient work of the staff all table movements are automated.

COMPLETE SET

The remote-controlled tilting table;
Fluoroscopic images acquisition system;
High frequency generator;
Diagnostic X-ray emitter with collimator;
Pair of high voltage cables;
Wireless portable flat-panel detector;
Workstation of the doctor with display;
Workstation of the laboratory assistant;
Multi-format laser camera with starting set of the film;
X-ray dosimeter;
Set of X-ray protective clothes;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

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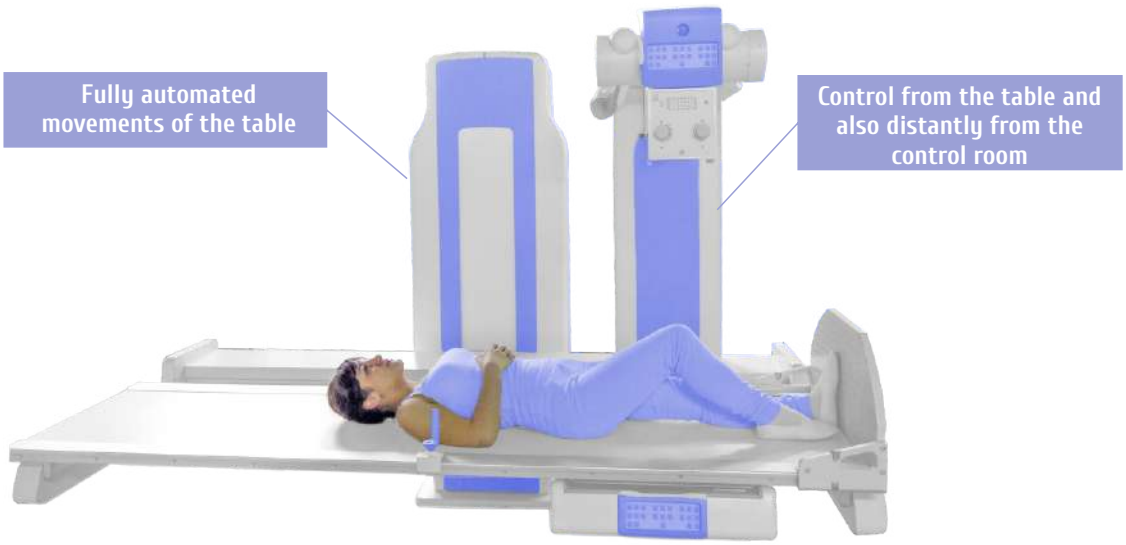
X-ray diagnostic complex "Diakom"

according to Technical Requirements 9442-001-86112671-2009, version 3
with digital image acquisition system on base of dynamic flat-panel full-format detector



The digital remote-controlled x-ray diagnostic complex provides all types of radiographic and fluoroscopic examinations in digital format: the upper part of the gastrointestinal tract, including examinations of the esophagus, examinations with contrasting barium; examinations of small intestine, abdominal cavity organs, including cholangiogram, endoscopic retrograde cholangiopancretography, tomography and cholecystography; examination of the chest in a vertical position and on a tilting table in a horizontal plane.

As an x-ray image receiver is used digital system based on dynamic universal full-format flat-panel detector.

The complex allows not only receiving of digital diagnostic images, but also performing of their processing with following saving and transmitting of the received information.

COMPLETE SET

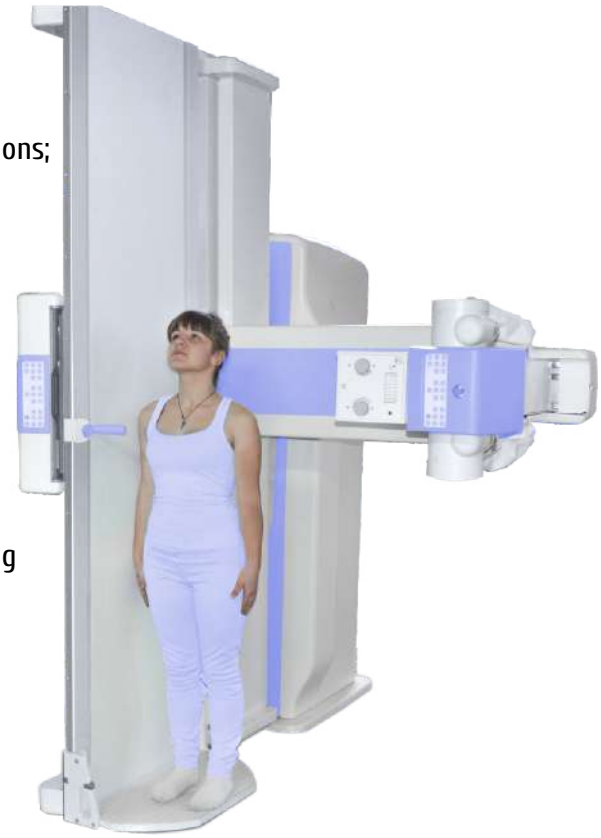
The remote-controlled tilting table;
Collimator;
High frequency generator;
Diagnostic X-ray emitter;
Pair of high-voltage cables;
Dynamic flat-panel stationary detector;
Workstation of the doctor with display;
Workstation of the laboratory assistant;
High resolution monitor;
Multi-format laser camera with starting set of the film;
X-ray dosimeter;
Set of X-ray protective clothes;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

X-ray diagnostic complex "Diakom"

according to Technical Requirements 9442-001-86112671-2009, version 3
with digital image acquisition system on base of dynamic flat-panel
full-format detector of expert class

The digital remote-controlled x-ray diagnostic system provides all types of radiographic and fluoroscopic examinations in digital format:

- upper part of gastrointestinal tract, including esophageal examinations;
- examinations of abdominal cavity organs with contrast barium;
- tomography and cholecystography;
- chest examinations in vertical position and on the tilting table in horizontal plane



A digital system based on a dynamic universal full-format flat-panel detector is used as an x-ray image receiver.
This complex allows not only receiving of digital diagnostic images, but also process them and then save them and transfer received information.

On this complex, in addition to standard methods, is possible carrying out of:

- multi-energy examinations;
- panoramic examinations;
- multi-slice linear tomography.

COMPLETE SET

The remote-controlled tilting table;
Collimator;
High frequency generator;
Diagnostic X-ray emitter;
Pair of high-voltage cables;
Dynamic flat-panel stationary detector;
Workstation of the doctor with display;
Workstation of the laboratory assistant;
High resolution monitor;
Multi-format laser camera with starting set of the film;
X-ray dosimeter;
Set of X-ray protective clothes;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

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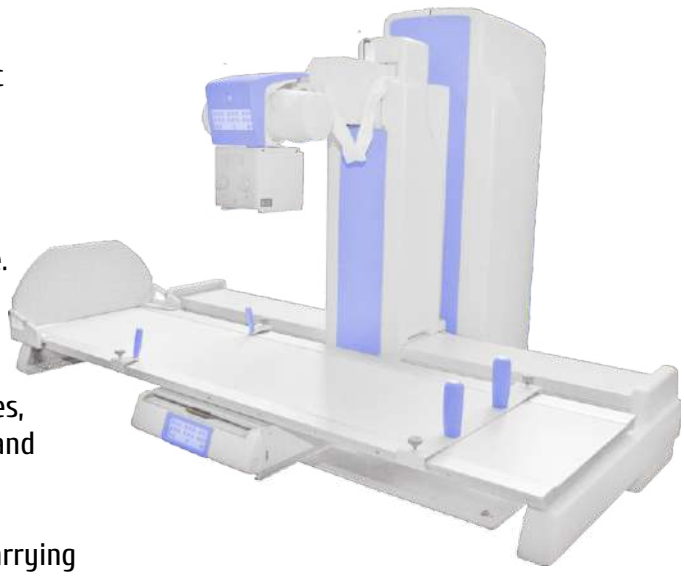
Digital X-ray diagnostic remote-controlled unit "Diakom-TS"

according to Technical Requirements 9442-007-86112671-2016



The X-ray unit "Diakom-TS" provides all types of radiographic and fluoroscopic examinations in digital format: the upper gastrointestinal tract, including esophageal examinations, examinations with contrast barium; abdominal organs, tomography and cholecystography; chest examinations in the vertical position and on the tilting table in the horizontal plane.

As the receiver of x-ray images is used the digital system on base of dynamic universal full-format flat-panel detector. This complex allows not only to receive digital diagnostic images, but also to make their processing with the subsequent saving and transfer of the received information.

On "Diakom-TS", in addition to standard methods, is possible carrying out of the following examinations: TOMOSYNTHESIS, PANORAMIC IMAGES, MULTI-ENERGY IMAGES!

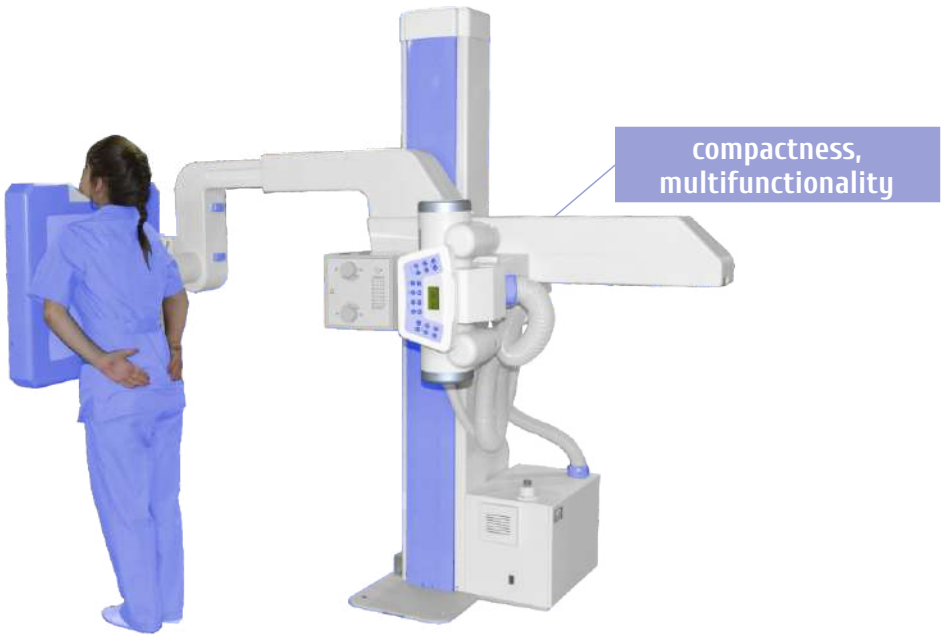
For convenient operation of the staff and to ensure maximum patient's safety, all table movements are automated, and the control of the complex is performed as direct from the unit, such as distantly from control room, at the operator's working place.

COMPLETE SET

The remote-controlled tilting table;
Collimator;
High frequency generator;
Diagnostic X-ray emitter;
Pair of high voltage cables;
Stationary dynamic flat-panel detector;
Workstation of the doctor with options;
Workstation of the laboratory assistant with TOMOSYNTHESIS module;
"Multi-slice linear tomography" and "Multienergy";
High resolution display;
Multi-format laser camera with starting set of the film;
X-ray dosimeter;
Set of X-ray protective clothes;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

X-ray unit for images ARS-"Diakom"

according to Technical Requirements 9442-002-86112671-2010, version 1
for digital fluorography, with possibility of radiography carrying out



Digital U-arm stand is the stand with motorized vertical movement of the arm and a digital flat-panel detector 43x43 cm.

Ensures the receiving of plain films of the patient's thorax in a large format, in lateral and frontal projections, with high resolution.

The device allows carrying out of any radiographic examinations of patients in a standing and sitting positions, including also fluorography.

It's designed to obtain rapid diagnostic information in the fixed x-ray rooms.

COMPLETE SET

U-arm stand;
Collimator;
High frequency generator;
Diagnostic X-ray emitter;
Pair of high voltage cables;
Stationary flat-panel detector – 1 pc.;
Workstation of the laboratory assistant;
Workstation of the doctor;
High resolution display;
Multi-format laser camera with starting set of the film;
X-ray dosimeter;
Set of X-ray protective clothes;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

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X-ray unit for images ARS-"Diakom"

according to Technical Requirements 9442-002-86112671-2010, version 2
digital universal, on base of flat-panel detector

The device combines the capabilities of a radiographic complex for 2 working places and a high-performance digital fluorograph (with a motorized stand and a flat-panel digital detector).

The unit provides the receiving of large-format plain films with high resolution.

It is ideal for obtaining of operational diagnostic information in stationary x-ray rooms, emergency departments and traumatology.

COMPLETE SET

U-arm stand;
Radioparent wheeled stretcher;
Collimator;
High frequency generator;
Diagnostic X-ray emitter;
Pair of high voltage cables;
Stationary flat panel detector – 1 pc.;
Workstation of the laboratory assistant;
Workstation of the doctor;
High resolution display;
Multi-format laser camera with starting set of the film;
X-ray dosimeter;
Set of X-ray protective clothes;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

X-ray units and complexes

produced by "Sevkavrentgen-D" Co., Ltd

X-ray diagnostic remote-controlled complex "Diakom" for pediatrics

Within the framework of the departmental target program "Development of the material and technical base of children's clinics and children's polyclinic departments of medical organizations", approved by the Order of the Health Ministry of the Russian Federation No. 260 from 22.05.2018, "Sevkavrentgen-D" Co., Ltd produces medical devices and complexes for Pediatrics.

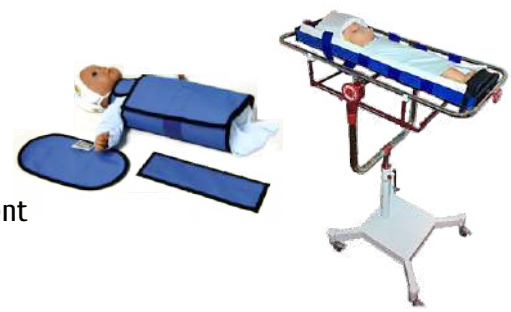
A special feature of the equipment supplied by "Sevkavrentgen-D" co., Ltd to children's medical institutions is the reduced radiation dose.

X-ray unit for images ARS-"Diakom" for pediatrics

X-ray diagnostic complex "Diakom" for 2 working places for pediatrics

Children's devices and complexes are the most convenient and effective in exploitation with help of:

- Special child restraints, that help to make correct positioning even the most restless children;
- X-ray protective clothing for Pediatrics and micro-Pediatrics, that protects young patients from radiation;
- Automatic workstations of the doctor and laboratory assistant, adapted to the sizes and structures of the child's body of different age groups.



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X-ray mammography unit MR-"Diamant"

according to Technical Requirements 9442-004-86112671-2011, version 1
analog, with film processor

MR-"Diamant" is a modern mammographic system for screening and diagnostic examinations of breast pathology. Provides clear, high-quality images, increased comfort of the patient and the doctor.

Advantages:

- automatic detection of the densest area of the breast and the choice of optimal exposure parameters;
- full motorization and preparation for positioning;
- parking function, which simplifies the placement of the patient in preparation for exposition in oblique projections;
- output of information about the dose.

COMPLETE SET

X-ray mammography unit;
Cassette holder;
High frequency generator;
X-ray tube;
Shield for patient's face protection;
Screen for operator's protection;
Radiographic cassettes;
Film processor;
Starting set of chemical agents;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

X-ray mammography unit MR-"Diamant"

according to Technical Requirements 9442-004-86112671-2011, version 1
digital, with computer radiography system

When performing digital mammography on mammography unit MR-"Diamant", the main advantage is to improve the quality of the breast examination, since only digital mammography units can demonstrate high resolution and sharpness. This allows to the doctor to make the earliest and most accurate diagnosis, due to post-processing of the received images.

Digital research technology helps to eliminate possible inaccuracies in the selection of exposure parameters of examination, which eliminates the need for repeated images and additional irradiation of the patient.

COMPLETE SET

X-ray mammography unit;
High frequency generator;
X-ray tube;
High resolution computer radiography system;
Radiographic CR-cassettes (mammographic);
Workstation of the laboratory assistant;
Workstation of the doctor;
High resolution display;
Multi-format laser camera with starting set of the film;
Shield for patient's face protection;
Screen for operator's protection;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

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X-ray mammography unit MR-"Diamant"

according to Technical Requirements 9442-004-86112671-2011, version 2
digital, screening on base of flat-panel detector

Digital X-ray mammography unit MR-"Diamant" has a precision system of settings and a minimum radiation load, equipped with a flat-panel detector.

It's designed for screening examinations of the breast and performing all types of examinations provided in mammology.

The wide dynamic range of the receiver, high resolution and low noise level make it possible to diagnose microcalcinates and low-contrast objects equally effectively.

The device has high performance, low radiation dose, easy positioning and does not require a large area of placement.

COMPLETE SET

X-ray mammography unit;
High frequency generator;
X-ray tube;
Flat-panel detector;
Workstation of the laboratory assistant;
Workstation of the doctor;
High resolution display – 2 pcs.;
Multi-format laser camera with starting set of the film;
Shield for patient's face protection;
Screen for operator's protection;
Permissive documents for purchased equipment;
Passport and User manual;
Mounting accessories.

X-ray mammography unit MR-"Diamant"

according to Technical Requirements 9442-004-86112671-2011, version 2

digital, on base of flat-panel detector with function of tomosynthesis

In this version digital X-ray mammography unit is equipped with a modern multi-layer digital linear tomography function (tomosynthesis).

Tomosynthesis allows to visualize even the smallest formations, such as calcified nodules, indurations; it helps to recognize malignant neoplasms at the beginning of their development. This procedure is especially important when diagnosing cancer at the earliest stages.

A significant difference between tomosynthesis and classical mammography is the number and projection of obtained images. Thus, at the carrying out of mammography can be produced 2 images in oblique and straight projection, while tomosynthesis produces - a series of images at different angles.

Also, the undeniable advantage of tomosynthesis is that the procedure is performed at a significantly reduced radiation dose, while providing no lesser clinical accuracy.

COMPLETE SET

X-ray mammography unit;
High frequency generator;
Flat-panel detector with x-ray tube;
Workstation of the laboratory assistant;
Workstation of the doctor;
High resolution display – 2 pcs.;
Multi-format laser camera with starting set of the film;
Protective screen for operator and shield for face protection of patient;
Permissive documents for purchased equipment;
Mounting accessories.

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X-ray mammography unit MR-"Diamant"

according to Technical Requirements 9442-004-86112671-2011, version 3
digital, on base of flat-panel detector, in completeness with device for stereotactic biopsy

The mammography unit is able to hold, compress, and move the breast in various positions. This allows to radiologist to get 2 images of the breast at different angles. During a stereotactic biopsy, is used such type of mammographic equipment, which is used for normal mammography. This equipment, before removing a tissue sample, gives to radiologist confidence that he has placed the needle in the correct place.

Stereotactic breast biopsy is considered as a highly effective diagnostic procedure, especially useful when it's necessary to determine whether the breast is a suspected breast cancer. This diagnostic method is more common for women than operation and detects problems that cannot be detected by ultrasound, such as deposits of calcium.

COMPLETE SET

X-ray mammography unit;
Device for stereotactic biopsy;
Set of needles for manual and automatic biopsy;
High frequency generator;
X-ray tube;
Flat-panel detector;
Workstation of the laboratory assistant;
Workstation of the doctor;
High resolution display;
Multi-format laser camera;
Protective screen for operator and shield for face protection of patient;
Permissive documents for purchased equipment;
Mounting accessories.

X-ray mammography unit MR-"Diamant"

according to Technical Requirements 9442-004-86112671-2011, version 3
digital, on base of flat-panel detector,
in complete set with device for stereotactic biopsy, with function of tomosynthesis

Digital X-ray mammography unit MR-"Diamant" can be used for screening examinations of the breast and performing of all types of examinations provided in mammology.

Device for Biopsy allows carrying out of stereotactic biopsy. The unit is also equipped with a function of tomosynthesis.

In addition to the multi-function MR - "Diamant" is very compact and easy to install. In general, digital mammography has a number of advantages over standard research:

- significant reducing X-ray radiation;
- high resolution for images acquisition and an ideal quality;
- increasing of power during the procedure to be able to find any changes in the construction of the breast;
- ability to identify small formations of sclerotic type and identify neoplasms at the initial stage of their formation.

COMPLETE SET

X-ray mammography unit;
Device for stereotactic biopsy;
Set of needles for manual and automatic biopsy;
High frequency generator;
Flat-panel detector;
Workstation of the laboratory assistant;
Workstation of the doctor;
High resolution display;
Multi-format laser camera;
Protective screen for operator and shield for face protection of patient;
Permissive documents for purchased equipment;
Mounting accessories.

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X-ray stationary therapeutic unit «Rentgen-TA- 150/10»

X-ray stationary therapeutic unit "Rentgen-TA-150/10" is intended for carrying out of X-ray therapy in specialized medical institutions and rooms.

FIELDS OF APPLICATION

Oncology. Therapy of infiltrative forms of malignant tumors of the skin and mucous membranes, subcutaneous neoplasms (metastases, reticuloses, enlarged lymph nodes), tumors of the bones of the calvarium.

Dermatology and cosmetology. Therapy of keloid scars resulting from various causes (injuries, burns, operations, injuries); therapy of dermatoses (eczema, neurodermatitis) and infiltrative skin lesion focus; therapy of diffusional neurodermatitis, which is not suitable for other methods of therapy. The unit is used for therapeutic purposes after plastic surgery, especially for the skin of the face, as well as for complex treatment during dermabrasion or cryotherapy of various scar changes of patient's skin with inclination for the formation of celloid scars at the healing.

Ophthalmology. Therapy of malignant and non-malignant neoplasms (hemangiomas) of the eyelids and periorbital tissues.

Surgery, including military field surgery. Irradiation to accelerate the healing of wounds resulting from operations or stab or gunshot wounds.

FEATURES

- easy operation and maintenance;
- designed for permanent use in radiotherapy departments;
- "hard" connection between the installed filter and the corresponding x-ray generation voltage;
- additional protection against accidental activation of radiation;
- indication of the turn-on status of the radiation;
- main and duplicating system for monitoring of the therapy dose and switching off the irradiation mode (measurement of the therapy dose is performed in monitor units);
- system for measuring of dose power in monitor units with indication of readouts on the control panel;
- saving of parameters of the set and released medical therapy dose in time of sudden switching off the electric power for a period of 20 minutes;
- possibility to use of nonstandard filters and applicators, and their production by the individual order;
- compact design of the device's stand, with the placement of the device's stand units on a single base, equipped with wheels;
- comfortable bringing of X-ray beam to the therapy zone;
- easy assembly and installation of unit in the room.

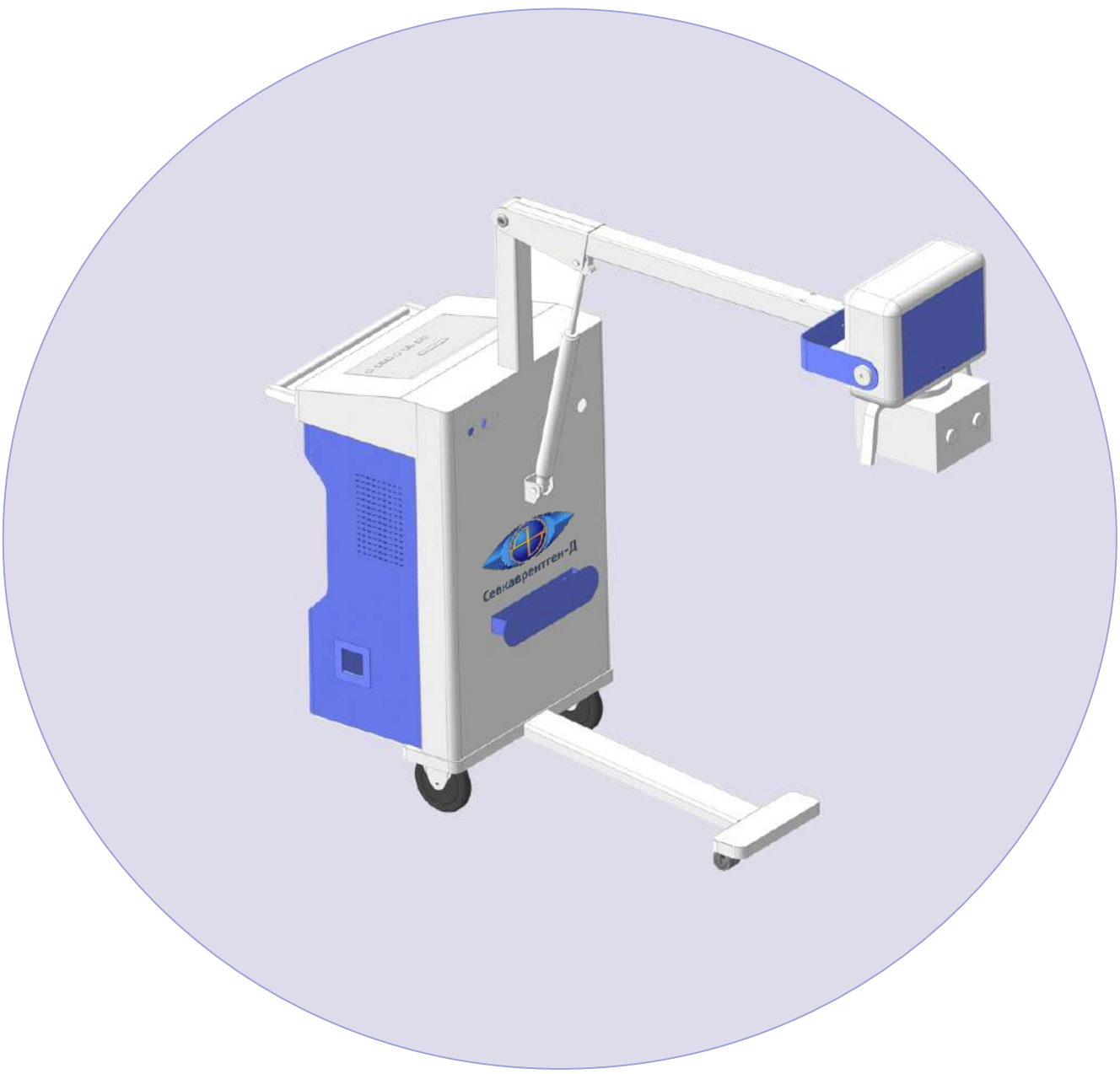
Mobile X-ray unit "Parus"

according to Technical Requirements 26.60.11-009-86112671-2017

"Parus" is an ergonomic, lightweight, maneuverable mobile x-ray unit designed for research in the field of traumatology, orthopedics, surgery and resuscitation.

Brief technical characteristics:

- smooth movement of the stand makes positioning easier;
- high-frequency x-ray generator allows to take images of any region;
- anatomical programming system helps to choose the optimal exposure mode;
- wireless detector provides instant acquisition of high-quality digital images;
- the built-in workstation makes it easy to receive, process and save x-ray images.



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TRAVELING X-RAY COMPLEXES

Are intended for examination of the population outside the hospital in rural areas, remote areas, as well as in cities and towns with a visit to enterprises and organizations.

Differences in chassis characteristics allow the buyer to select the machine in accordance with local conditions.

Mobile x-ray room with the ability to perform digital fluorography on base of X-ray unit for images ARS-"Diakom" (in analog or digital versions).

In the digital version, using a portable full-format flat-panel detector, it combines the functions of an x-ray diagnostic device for 2 working places and a digital high-performance fluorograph.

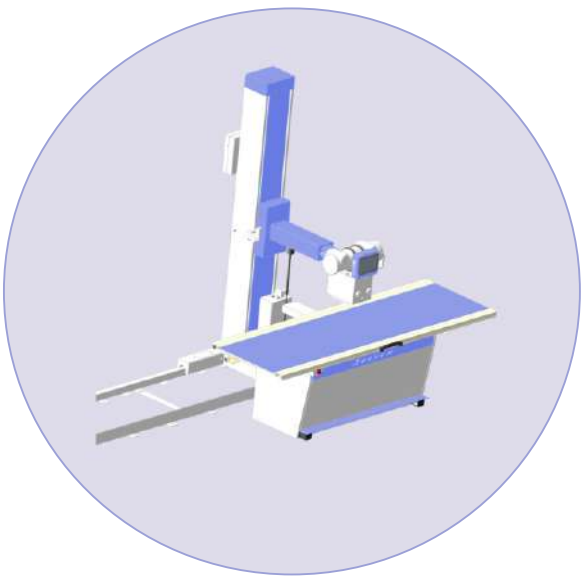
TABLE WITH STAND OF IMAGES "TOMOS"

"TOMOS" is the result of many years analysis of existing analogues in the Russian and global x-ray equipment markets.

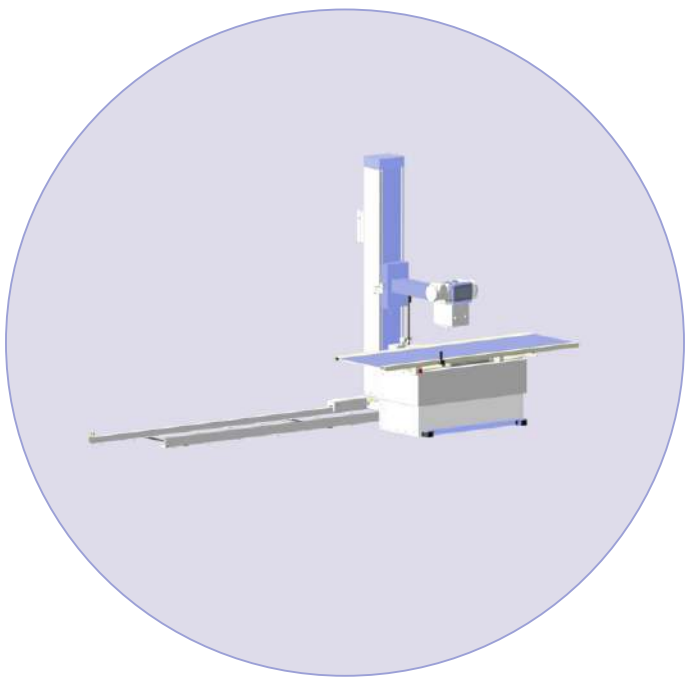
Structurally and technologically implemented by specialists of the company "Sevkavrentgen-D".

The table-stand of images is designed to work in stationary x-ray rooms and allows to conduct x-ray studies of the patient's organs in any projections, including linear tomography.

POSSIBLE VERSIONS:



- **TOMOS-A**
  (version with analog Bucky system)
- **TOMOS-D**
  (version with digital Bucky system)



- **TOMOS-AE**
  (version with table top elevator and analog Bucky system)
- **TOMOS-DE**
  (version with table top elevator and digital Bucky system)

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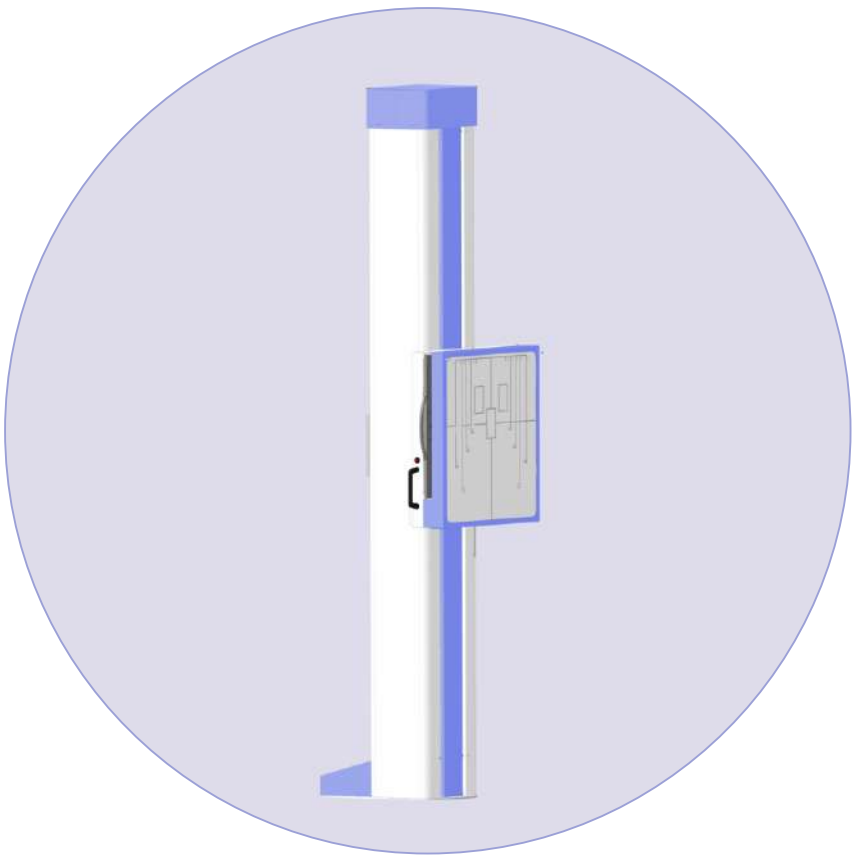
VERTICAL BACKY STAND SS

The vertical Bucky stand is used to examine the chest, skull, spine and other organs of patients in a standing position and in horizontal projection.

Performs snapshots in horizontal position of the Bucky system because of ability of receiving part's rotation on 180°, and also examinations in wide range of Bucky system's height changes, over 2 meters from the floor level.

POSSIBLE VERSIONS:



- SS-A (version with analog Bucky system)
- SS-D (version with digital Bucky system)
- SS-AP (version with rotary analog Bucky system)
- S-DP (version with rotary digital Bucky system)

WHEELED STRETCHER SK

Radioparent wheeled stretcher is intended for carrying out of X-ray examinations of patients in horizontal position.

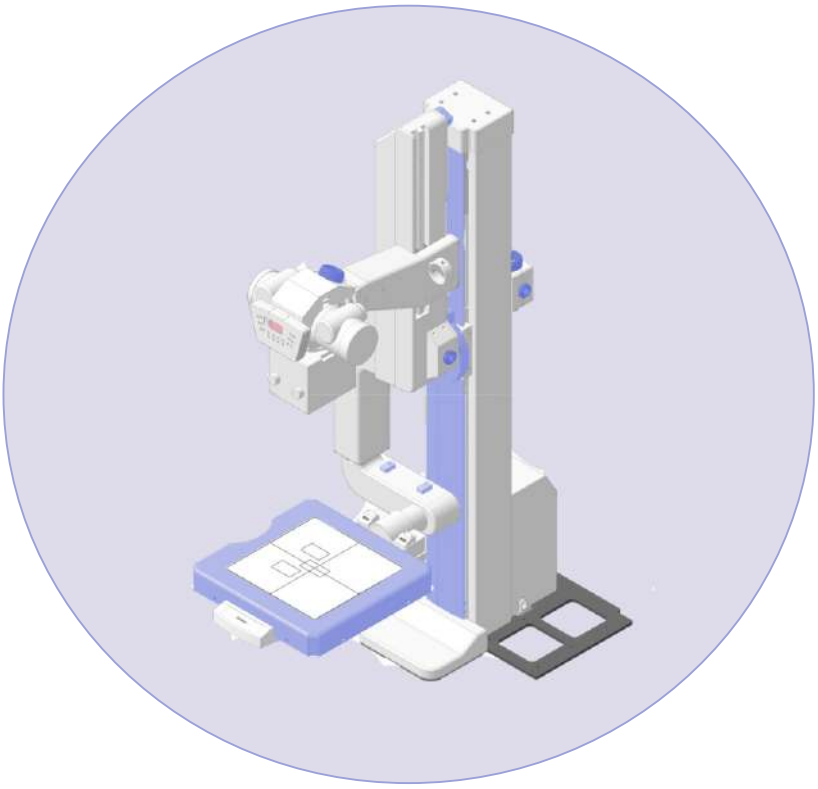
MAIN ADVANTAGES AND TECHNICAL SPECIFICATIONS:

- Compact and easy to transport and store (side columns can be folded);
- Safety when moving (each roller has an individual contact locking brake);
- The maximum load on the table top is till 230kg.

U-ARM STAND BRS

The compact motorized U-arm stand is the ideal solution for small spaces room.

This stand is used in the production of combined x-ray units. In particular, devices for 2 working places in combination with an open-type fluorograph.



MAIN FEATURES AND SPECIFICS:

- flexible movable structure;
- simplicity and ease in use;
- remote control;
- automatic positioning by pressing the one button;
- independent rotation of the receiver tube;
- anticollision protection device.

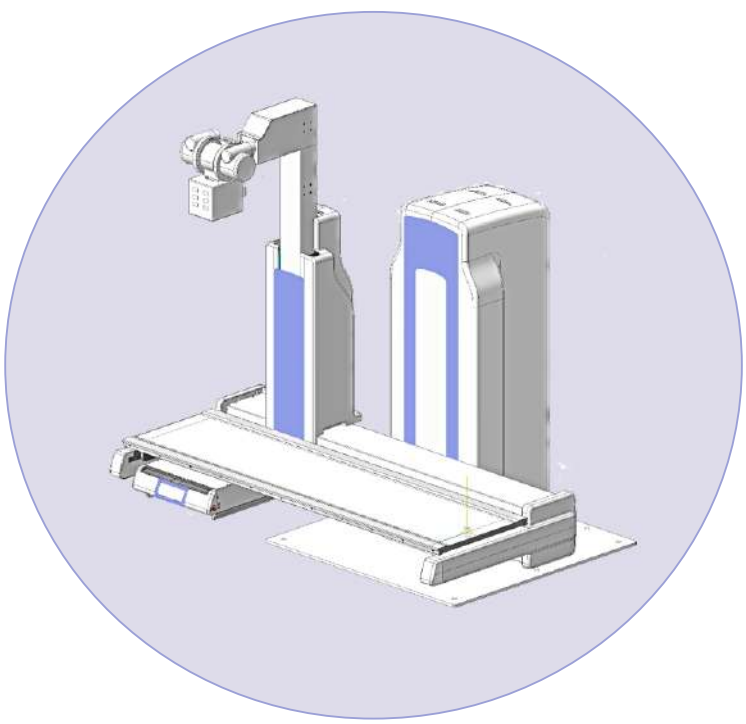
TILTING REMOTE-CONTROLLED TABLE-STAND "KOSMOS"

The first remote-controlled table-stand of domestic production with using of the latest world achievements in the production of high-precision medical equipment.

Available in analog and digital versions.

MAIN ADVANTAGES AND SPECIFICS:

- wide range of focal distance changes;
- range of table top tilting +/-90°;
- significant range of table top's vertical movement;
- longitudinal movement of Spot Film Device (SFD) and the emitter along all table top plane(more than 2 meters).



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ADDITIONAL COMPONENTS TO MEDICAL X-RAY COMPLEXES AND UNITS PRODUCED BY "SEVKAVRENTGEN-D"

In order to improve the ergonomics and convenience of the medical staff, we produce additional equipment for medical x-ray complexes:

Specialized desktop for the automated workplace of a laboratory assistant and radiologist

Stand for integrated control panel of the generator and the stand of the complex

Trolley for medical specialized monitor

Stand for the generator control panel

Also, for easiness of patients positioning and convenience of staff, x-ray systems and devices of our production are equipped with the following additional devices:

- removable handgrips for patient;
- shoulder rests;
- compression belt;
- additional handgrips;
- ankle supports;
- lateral cassette holder;
- device for fixing the position of patient's head;
- child fixation device on the table top;
- device for laying of children;
- stand for exploring of flat feet;
- stand for a glass with x-ray contrast material.

WORKSTATION OF LABORATORY ASSISTANT




For automation of a working place of the laboratory assistant IT-specialists of "Sevkavrentgen-D" Co., Ltd have developed their own software **"DSSD-DR"**, which is used in x-ray diagnostic complex "Diakom" for 2nd and 3rd working places, in X-ray unit for images ARS - "Diakom"and also for modernization of analog units into digital. This software allows obtaining and processing of X-ray images before sending them to the PACS server to the radiologist.

Main advantages:

- Allows to reduce the radiation dose with saving of image quality. Digital processing makes it possible to obtain a clear image of bone structures without distortion caused by metal implants;
- modern digital image processing algorithms minimize the human factor and enable the diagnosis of incorrectly executed images;
- the possibility of hard copies obtaining (printing on a multi-format laser camera);
- full support of DICOM 3. 0.

Computed tomographic scanner

Working station of laboratory assistant

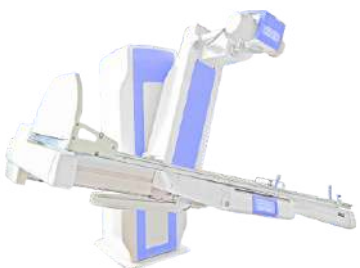
PACS systems

Working station of laboratory assistant

X-ray diagnostic complex "Diakom" for 2 working places

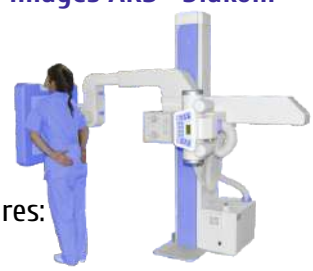
Working station of laboratory assistant

Working station of laboratory assistant



Remote-controlled complex "Diakom"

Unit for images ARS-"Diakom"



WORKSTATION OF RADIOLOGIST

Worksattion of the radiologist is a modern diagnostic attribute with the following features:

- viewing, analysis and processing of images with a wide range of tools;
- storage, archiving and export of medical information;
- full DICOM compatibility with existing PACS, RIS, MIS and so on;
- possibility of remote diagnostics (Telemedicine);
- preparation of various protocols and conclusions on ready templates;
- high-quality images printing.

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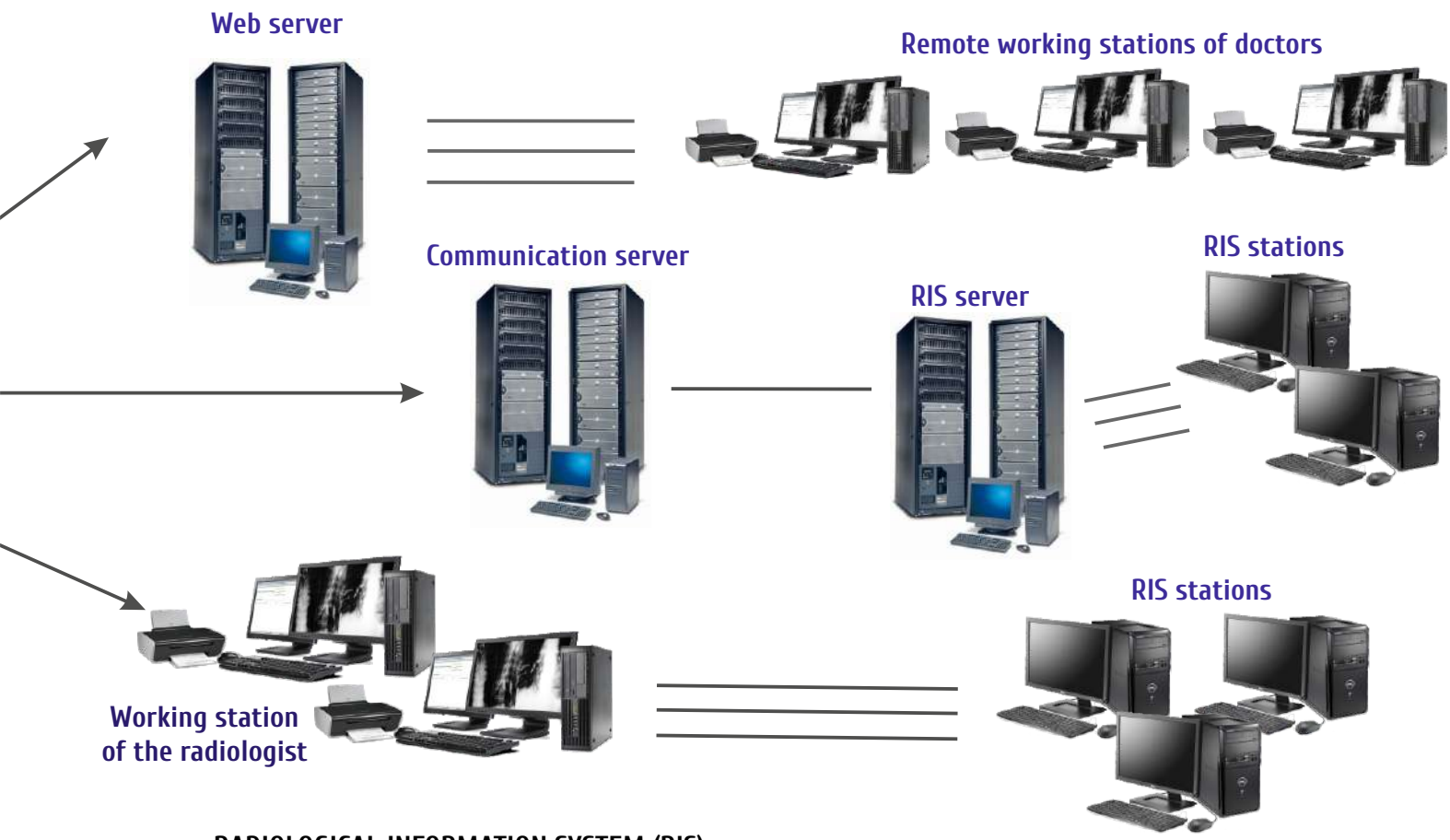
PACS SYSTEMS

The PACS system is a full-featured system for storing, sharing, analyzing and viewing of medical images.

PACS is able to combine medical diagnostic equipment and viewing workstations in a common network anywhere in the world (if you have access to the Internet.)

The system can process, safely store and forward medical images in DICOM format.

Interacts with radiological information systems (RIS) and medical information systems (MIS).



RADIOLOGICAL INFORMATION SYSTEM (RIS)

The Radiological Information System is designed to automate the working processes of diagnostic departments of any specializations and to combine all working places in one system. RIS allows to carry out simultaneously work of several medical centers with a single database, to get statistics, to manage the work of staff, to plan the loading of medical devices and distribute the load on them.

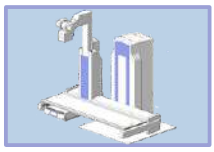
Capabilities of RIS:

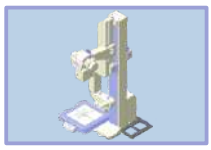
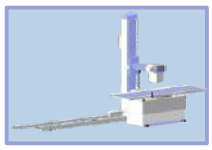
- patients registration, planning of examination's procedure;
- high patients throughput because of saving time on preparation of the conclusions;
- increasing of the number of consultations per diagnostician;
- tracking of patient queues and executed examinations;
- making of static reports on conducted researches for any period of time and so on.

PRODUCTION. SERVICE

«Sevkavrentgen-D» Co., Ltd carries out a full cycle of production of the x-ray equipment.

DEVELOPMENT AND DESIGN OF A 3D MODEL
A team of designers and technologists develops 3d models using modern software tools.



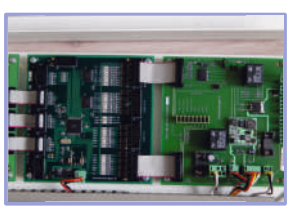
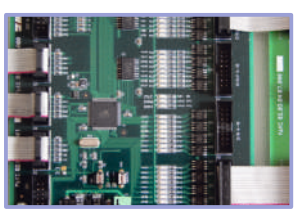



MANUFACTURING OF MAIN COMPONENTS AND PARTS
The workshop with numerical control machines is equipped with high-precision and high-performance equipment from the HAAS,TRUMPF and AMADA brands known for their reliability.






DEVELOPMENT AND PRODUCTION OF ELECTRONIC CONTROL BOARDS. INTEGRATION
Our own group of electronic engineers and programmers allows not only to interact with all sub-divisions and have electronic document management, but also to develop software products for medicine.

THE ORGANIZATION OF THE ASSEMBLY
It is carried out by qualified personnel and meets all safety requirements.






TECHNICAL TESTS, TESTING
Testing and debugging is carried out in specially equipped rooms - test boxes.

COMMISSIONING. AFTER-SALES SERVICE.
The company pays great attention not only to the production, but also to the maintenance of equipment.
At the enterprise is organized the customer service, consisting of highly qualified specialists.
The following types of work are available:

- installation, assembly and commissioning of the supplied equipment;
- warranty and post-warranty service;
- repair of the x-ray equipment as own production, and also other producers;
- consulting and practical training session for employees of service centers in the regions.

Also is developed a network of service centers, which performs the full range of works during the warranty and post-warranty period.

"SEVKAVRENTGEN-D" Co., LTD, 361115, Russia, KBR, Mayskiy city, 9th May str. 181, +7(86633)2-14-75,info@skrz.ru,medical.skrz.group

The technological breakthrough made by "Sevkavrentgen-D" Co., Ltd since 2008 can be compared with the entire previous more than sixty-years history of the company.

Undoubtedly, this success would not have been possible without the active development of partnerships with world-class companies. Fruitful cooperation with well-known brands allowed us to reach a qualitatively new level of technical capabilities of production and provided the highest quality of products.

«Sevkavrentgen-D» Co., Ltd
361115, Russian Federation, KBR
Mayskiy city, 9th May str., 181