



DIGITAL SCREENING MAMMOGRAPHY SYSTEM

MAMMO-RP

THE PERFECT SCREENING TOOL PROVIDING HIGH IMAGE QUALITY

Mammo-RP — is designed for screening and diagnostic exams to detect early breast cancer.

The mammography system features a modern, ergonomic design, with all movements motorized, so that the stand can be turned to any angle. Automatic C-arm locking in standard positions and height compensation during rotation help the operator.

The unique combination of high-quality imaging (10 line pairs/mm) and low radiation doses provide a basis for quality screening to detect early stages of breast cancer



STATE-OF-THE-ART TECHNOLOGIES TO REDUCE THE EFFECTIVE DOSE

The device is available in three different configurations: with a flat panel detector, with a CR digitizer, or with a developer. The digital flat panel detector increases X-ray room throughput by instantly transmitting images to the technician workstation.

The wide dynamic range, high spatial resolution (**at least 10 line pairs/mm**), and low noise level of the flat panel detector ensure improved breast imaging for the detection of tumors and microcalcifications, meaning that the physician is less likely to need additional targeted and magnified images.

The **Mammo-RP** system is a state-of-the-art breast imaging tool, one of the best mammography systems currently available on the Russian market.

RADIOLOGIST AND TECHNICIAN WORKSTATION

The software complies with the international DICOM 3.0 standard allowing integration of the mammography system into any modern medical information system if necessary.

The software was developed in close cooperation with radiologists, and thus incorporates the necessary periodic report forms apart from the conventional formalized reports.

The software provides virtually unlimited opportunities for processing acquired images using special filters.

The radiologist and technician workplaces are equipped with professional equipment necessary for a comprehensive diagnostic X-ray exam.

Two high-resolution medical monochrome monitors provide the radiologist with a comfortable environment for accurate diagnosis.

A medical printer can print images on film, retaining high image quality.

ERGONOMIC DESIGN



Any angle of stand rotation, automatic C-arm locking in the standard positions, and height compensation during rotation

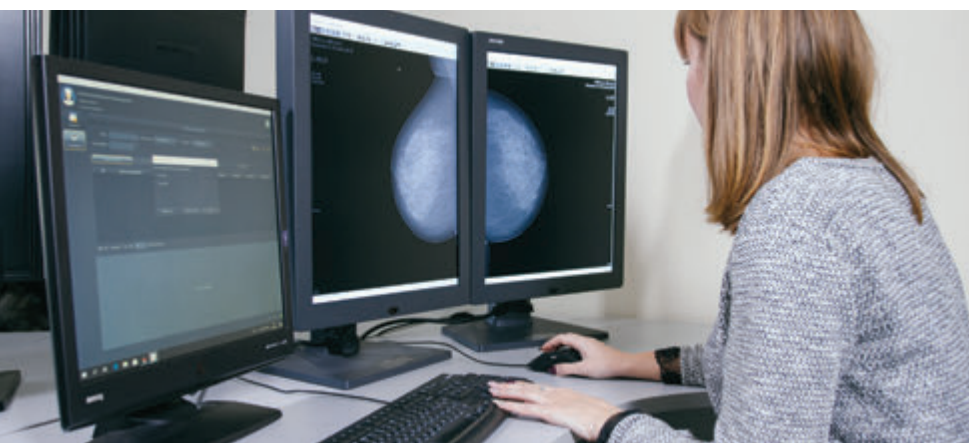
Emergency Stop button

Set of various sized compression plates, including plates for target imaging

Compression control with a set of pedals

Specially designed handles are convenient for the patient and facilitate patient positioning

X-ray protective movable transparent screen



THE MOBILE DIGITAL MAMMOGRAPHY UNIT ENABLES SCREENING EXAMS FOR PEOPLE IN HARD-TO-REACH REGIONS

Breast cancer is the most common malignancy diagnosed in women. Early diagnosis reduces mortality rates of the disease, as breast cancer is the most curable malignancy. Screening comes to residents of remote underequipped communities. The mobile mammography unit provides a unique opportunity for exams using the state-of-the-art Mammo-RP digital mammography system.



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

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