



SCIENTIFIC AND PRODUCE COMPANY

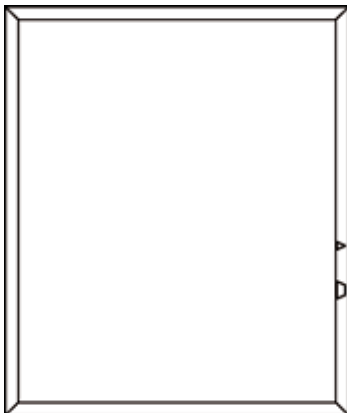
NEGATOSCOPE.ru

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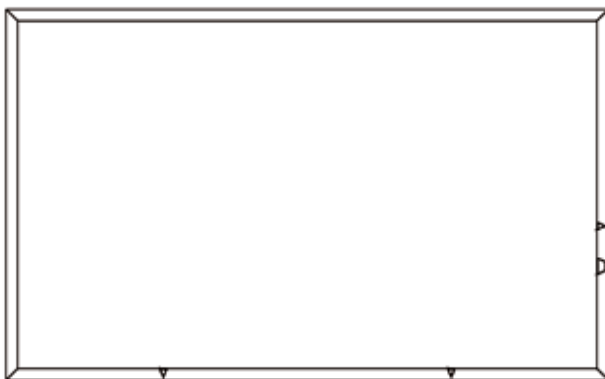
Negatoscope Installation Guidance

Negatoscope has been designed based on Product Specification (Technical Specification 9452-001-11349579-2016) in the following versions: single-panel negatoscope, double-panel negatoscope, triple-panel negatoscope and quad-panel negatoscope with accessories.

The X-ray viewer configuration of all four its options (see Pic.1).



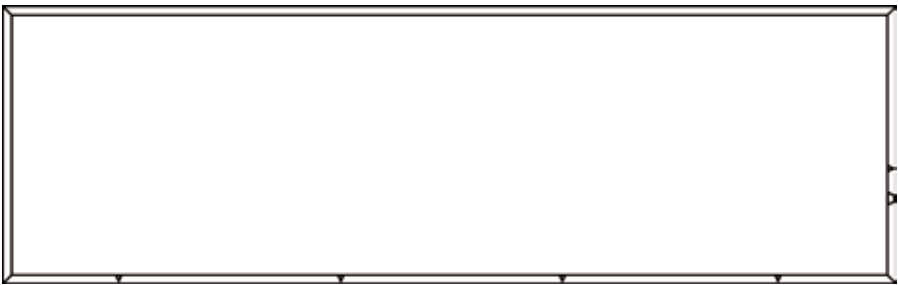
Picture 1 - a)– configuration of single-panel negatoscope



Picture 1 - b)– configuration of double-panel negatoscope



Picture 1 -c)—configuration of triple-panel negatoscope



Picture 1 -d)—configuration of quad-panel negatoscope

X-viewer installation

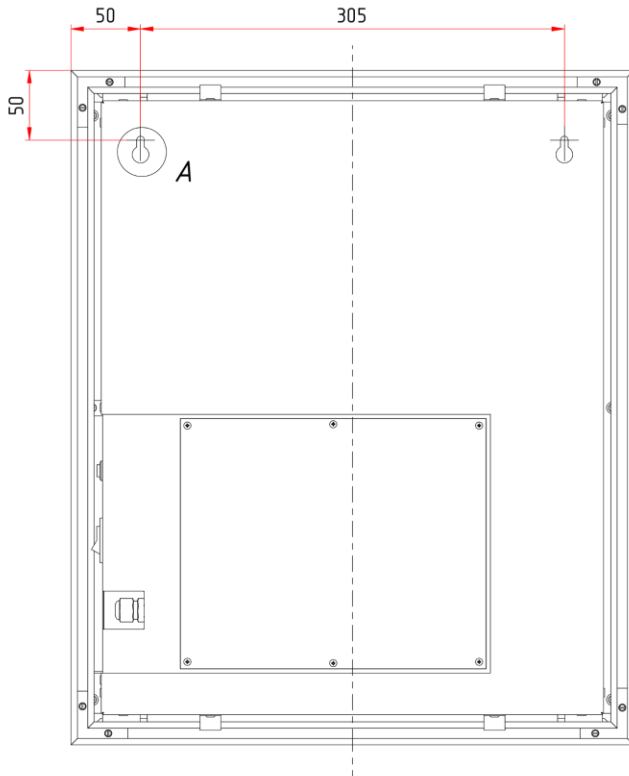
Upon completion of the x-viewer transportation in subzero temperature the device should be kept in normal according to GOST15150 climatic conditions at least during four hours. The criteria of the device's operational mode is absence of brightness flickering (twinkling) while the x-ray viewer is switched on.

- Remove the package.
- Mount the device on a wall using the fixing kit which is included into the supply unit.

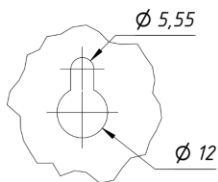
Feel free to use your own fixing kit in case of nonstandard method of the device mounting on a wall. The manufacturer cannot foresee all possible options of the device mounting on a wall and add a standard fixing kit to the supply unit. Special fixation holes are on the back cover of all the X-ray viewers (see Picture 2).

Two fixation holes are on the back of one- and two-film negascopes and four of them are on the back cover of three- and four-film negascopes.

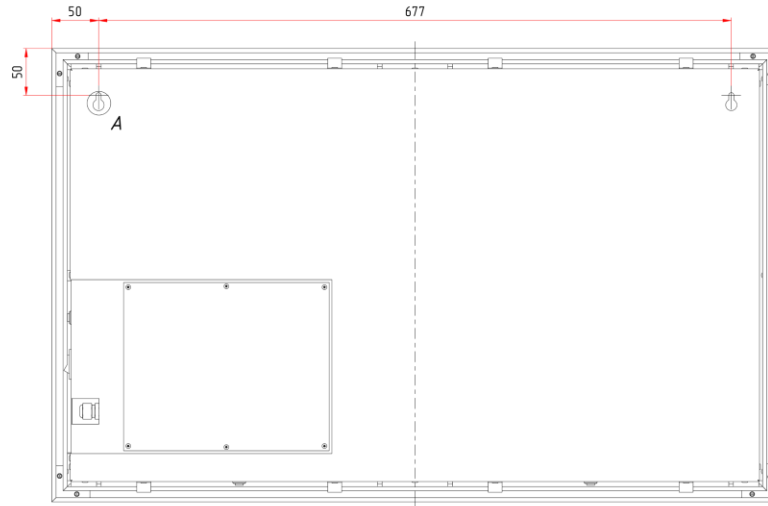
The layout of fixation holes on the back cover of a negatoscope (Picture 2).



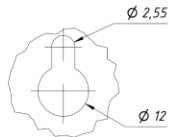
A (1:1)



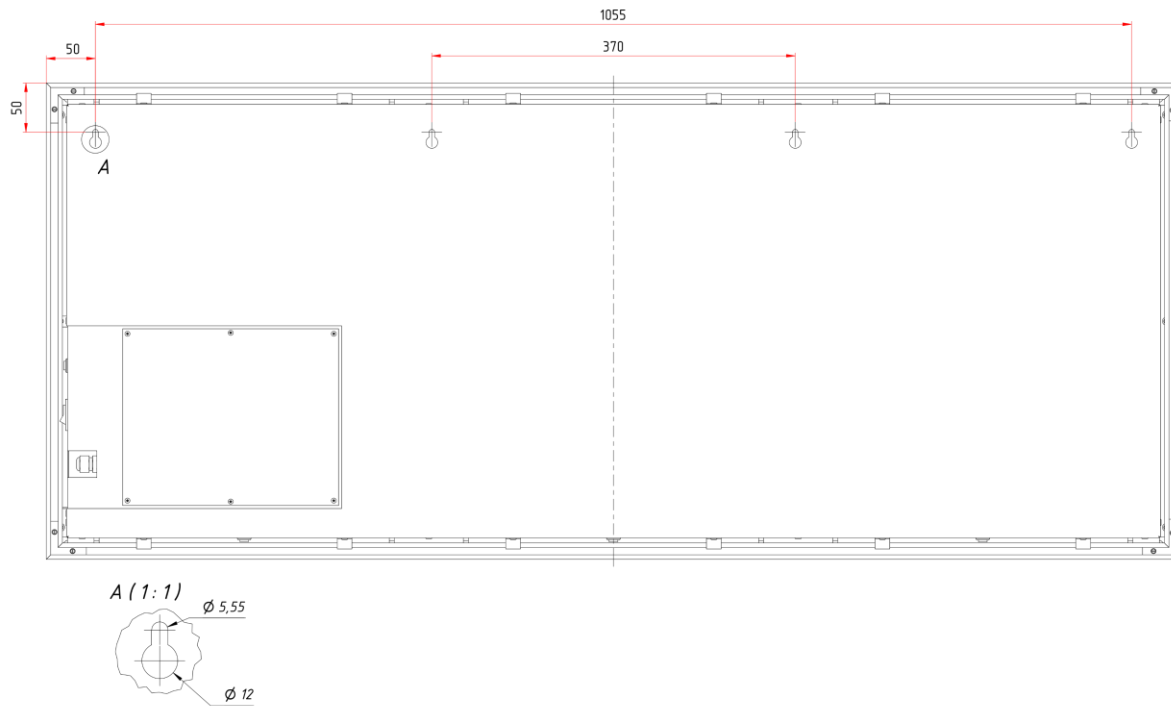
Picture 2 - a) – mount holes on negatoscope, the device back cover; single-panel negatoscope.



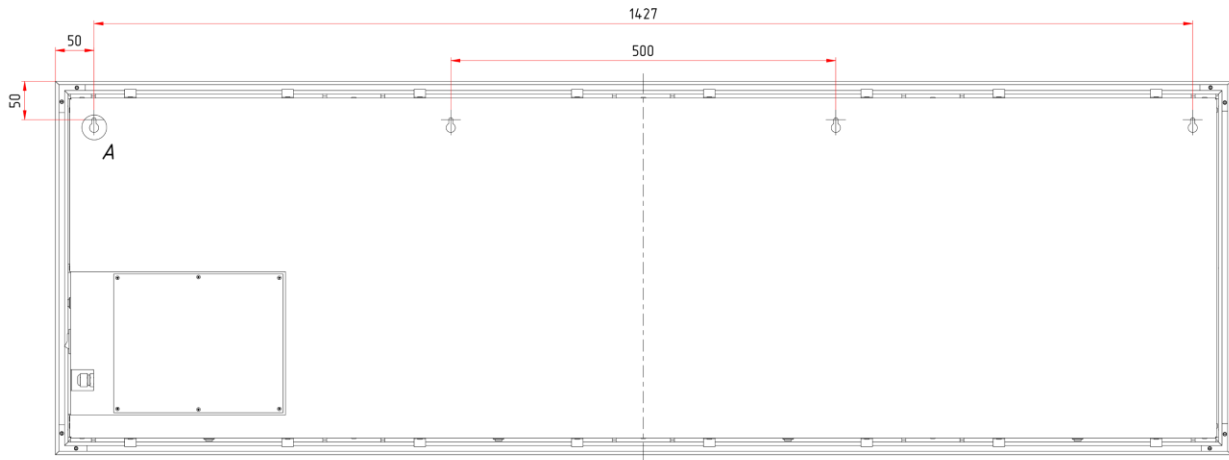
A (1,5 : 1)



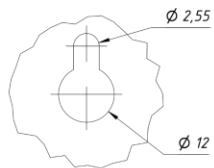
Picture 2 - b) – mount holes on negatoscope, the device back cover; double-panel negatoscope



Picture 2 - c) – mount holes on negatoscope, the device back cover; triple-panel negatoscope.



A (1,5 : 1)



Picture 2 - d) – mount holes on negatoscope, the device back cover; quad-panel negatoscope.

Two expansion bolts and two tap driving screws are included into one- and double-panel negatoscope supply units and four of these expansion bolts and tap driving screws are foreseen for triple- and quad-panel negatoscopes.

- Fix the fasteners to match them with the fixing holes and mount the negatoscope on the wall.

Note that an electric socket should be next to the place of a negatoscope fixture. The device power supply is made through a 220 V AC monophasic network with 50 Hz frequency.

Warning

- The 220 V AC socket should be grounded and the grounding resistance should be at least 4 Ohm. Breach in that condition may damage the device or injure the personnel.
- Any repair or maintenance of the device should be done only when the negatoscope is switched off the power supply.
- The device should be used only according to its specification. Any other usage is prohibited.
- In case of scratches and dents found on the device it should be replaced.

Safety and precaution measures

The device operators should be trained in terms of the device usage, its technical specification and operational principle. Breach in that condition may damage the device or injure the personnel.

WARNING

In order to avoid electrical shock the device should be connected only to the mains electrical supply with protective grounding.

WARNING

Usage of mobile radio frequency devices can damage the medical equipment. The device should be installed and put in operation according to the current manual requirements.

WARNING

Usage of accessories, transformers or cables other than the ones indicated in the present Manual except the ones purchased from the manufacturer as spare parts may result in increase in hindrance or decrease in the device safety.

WARNING

Usage of accessories or a cable from any other equipment different from NEGATOSCOPE designed according to Technical Specification 9452-001-11349579-2016 may result in increase in radiation or decrease in hindrance protection of the equipment/system.

WARNING

The Guidance is not Operation Manual or the Medical Equipment Certificate. Both Operation Manual and Certificate are included into the supply package of each negatoscope.