

TECHNICAL DATA SHEET

NGP Z



NGP 300 Z

X-RAY FILM VIEWER WITH SHUTTERS

HOW DOES THE X-RAY FILM VIEWER FOR MAMMOGRAMS WORK?

NGP Z X-ray film viewers with shutters are medical devices designed for the analysis of radiographs, which is one of the basic methods of diagnosing human diseases. The devices are characterized by high luminous flux density, flicker-free, energy-saving high-frequency light for film reading without eyestrain. The devices do not come into contact with patients as they are devices supporting the process of analyzing X-rays by a doctor. The products are made in the 1st class of protection against electric shock. They can be used in operating theaters, doctor's offices, X-ray laboratories, etc.



Shutter repositioning handle

BASIC DATA:

| | |
|---|---|
| Mounting type | wall-mounted |
| Casing material (viewer housing) | powder-coated steel sheet |
| Viewer screen material | PMMA |
| Switch on/off | built-in x-ray film viewer body (Fig. 1 point 1) |
| X-ray viewer supplied with a magnifying glass | yes |
| Ambient temperature | +10°C to +40°C |
| Relative humidity | 30% to 70% |
| Atmospheric pressure | 700 hPa to 1060 hPa |
| Declaration of conformity | yes |
| User's manual English version | yes |

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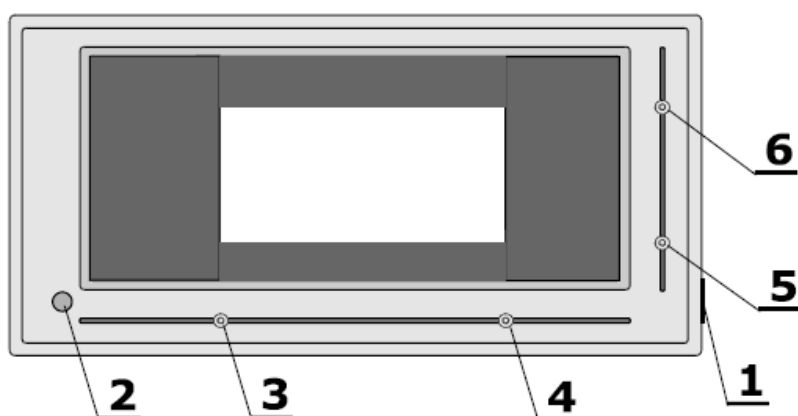
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X-RAY FILM VIEWER WITH SHUTTERS

TECHNICAL DATA:

| | |
|--|-----------------------------------|
| Supply voltage | 230 V, 50 Hz |
| Power consumption | 160 W |
| Luminance | 4500 cd/m ² +/- 10 % |
| Light uniformity | ≥90 % |
| Step-less luminance adjustment | 10 - 100 % |
| Colour temperature of the light of the lamps | ≈ 6500°K (daylight) |
| Shutters for glare-free reading of radiographs | yes |
| Screen dimensions (L x H) | 105 x 43 cm (3 films) |
| Overall dimensions (L x W x H) | 1380 x 120 x 690 mm |
| Total mass | 49.0 kg |
| Class of protection against electric shock | I |
| Ingress Protection Code | IP 20 |
| Class for the medical environment | B - home |
| Group according to PN-EN 55011 Clause 5 | 1 |
| Power cord length | 2.5 m, ended with the socket plug |



1. Power connection unit
2. Illuminance adjustment knob
3. Left vertical shutter repositioning handle
4. Right vertical shutter repositioning handle
5. Lower horizontal shutter repositioning handle
6. Upper horizontal shutter repositioning handle

Fig.1. X-ray film viewer with shutters NGP 300 Z