

TECHNICAL DATA SHEET

# NGP mZ/mzU



## NGP 41 mZU

### X-RAY FILM VIEWER WITH SHUTTERS FOR MAMMOGRAMS

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

NGP mZ/mZU X-ray film viewers with shutters are medical devices designed for the analysis of medical mammography images on X-ray films, 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 (on special hooks)
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
Mobile central film holder	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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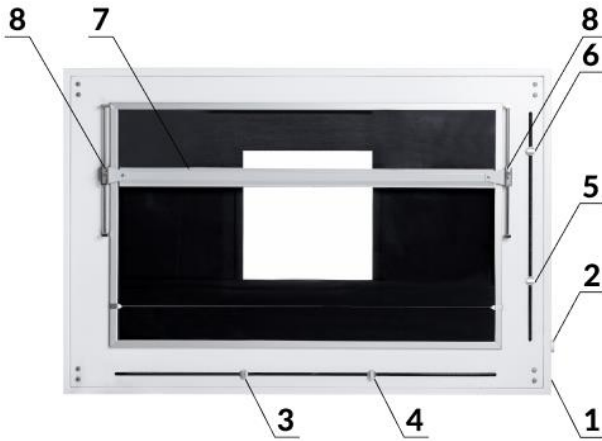
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**TECHNICAL DATA:**

Supply voltage	230 V, 50 Hz
Power consumption	175 W +/- 10%
Luminance	6800 cd/m <sup>2</sup> +/- 10 %
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)	108 x 66 cm ( 1 field)
Overall dimensions (L x W x H)	1400 x 120 x 940 mm
Total mass	65.0 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
7. Mobile central film holder
8. Central mobile film holder brakes

Fig. 1 X-ray film viewer with shutters for mammograms  
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