

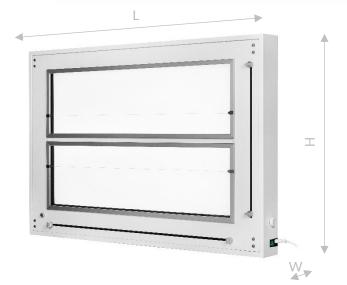


Ultra-Viol sp.j. Pietras, Purgał, Wójcik 34 Stępowizna Str., 95-100 Zgierz, Poland VAT PL 727 00 21 903 www.ultraviol.pl/en

Contact: phone number +48 42 717 77 45 ext. 21 mobile +48 725 779 277 fax +48 42 715 02 16, e-mail: office@ultraviol.pl

TECHNICAL DATA SHEET

NGP mZ/mzU



NGP 31 mZ

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 cental film holder	no
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

EDITION: 10/2022





TECHNICAL DATA SHEET

NGP mZ/mzU

NGP 31 mZ

X-RAY FILM VIEWER WITH SHUTTERS FOR MAMMOGRAMS

TECHNICAL DATA:

Supply voltage230 V, 50 HzPower consumption400 WLuminance6800 cd/m² +/- 10 %Step-less luminance adjustment10 - 100 %Colour temperature of the light of the lamps≈ 6500°K (daylight)Shutters for glare-free reading of radiographsyesScreen dimensions (L x H)96 x 30 cm (2 fields)Overall dimensions (L x W x H)1240 x 120 x 940 mmTotal mass57.0 kgClass of protection against electric shockIIngress Protection CodeIP 20Class for the medical environmentB - homeGroup according to PN-EN 55011 Clause 51Power cord length2.5 m, ended with the socket plug	TECHNICAL DATA:	
Luminance6800 cd/m² +/- 10 %Step-less luminance adjustment10 - 100 %Colour temperature of the light of the lamps≈ 6500°K (daylight)Shutters for glare-free reading of radiographsyesScreen dimensions (L x H)96 x 30 cm (2 fields)Overall dimensions (L x W x H)1240 x 120 x 940 mmTotal mass57.0 kgClass of protection against electric shockIIngress Protection CodeIP 20Class for the medical environmentB - homeGroup according to PN-EN 55011 Clause 51	Supply voltage	230 V, 50 Hz
Step-less luminance adjustment10 - 100 %Colour temperature of the light of the lamps≈ 6500°K (daylight)Shutters for glare-free reading of radiographsyesScreen dimensions (L x H)96 x 30 cm (2 fields)Overall dimensions (L x W x H)1240 x 120 x 940 mmTotal mass57.0 kgClass of protection against electric shockIIngress Protection CodeIP 20Class for the medical environmentB - homeGroup according to PN-EN 55011 Clause 51	Power consumption	400 W
Colour temperature of the light of the lamps≈ 6500°K (daylight)Shutters for glare-free reading of radiographsyesScreen dimensions (L x H)96 x 30 cm (2 fields)Overall dimensions (L x W x H)1240 x 120 x 940 mmTotal mass57.0 kgClass of protection against electric shockIIngress Protection CodeIP 20Class for the medical environmentB - homeGroup according to PN-EN 55011 Clause 51	Luminance	6800 cd/m ² +/- 10 %
Shutters for glare-free reading of radiographsyesScreen dimensions (L x H)96 x 30 cm (2 fields)Overall dimensions (L x W x H)1240 x 120 x 940 mmTotal mass57.0 kgClass of protection against electric shockIIngress Protection CodeIP 20Class for the medical environmentB - homeGroup according to PN-EN 55011 Clause 51	Step-less luminance adjustment	10 - 100 %
Screen dimensions (L x H)96 x 30 cm (2 fields)Overall dimensions (L x W x H)1240 x 120 x 940 mmTotal mass57.0 kgClass of protection against electric shockIIngress Protection CodeIP 20Class for the medical environmentB - homeGroup according to PN-EN 55011 Clause 51	Colour temperature of the light of the lamps	≈ 6500°K (daylight)
Overall dimensions (L x W x H)1240 x 120 x 940 mmTotal mass57.0 kgClass of protection against electric shockIIngress Protection CodeIP 20Class for the medical environmentB - homeGroup according to PN-EN 55011 Clause 51	Shutters for glare-free reading of radiographs	yes
Total mass57.0 kgClass of protection against electric shockIIngress Protection CodeIP 20Class for the medical environmentB - homeGroup according to PN-EN 55011 Clause 51	Screen dimensions (L x H)	96 x 30 cm (2 fields)
Class of protection against electric shock Ingress Protection Code IP 20 Class for the medical environment B - home Group according to PN-EN 55011 Clause 5	Overall dimensions (L x W x H)	1240 x 120 x 940 mm
Ingress Protection Code IP 20 Class for the medical environment B - home Group according to PN-EN 55011 Clause 5 1	Total mass	57.0 kg
Class for the medical environment B - home Group according to PN-EN 55011 Clause 5 1	Class of protection against electric shock	I I
Group according to PN-EN 55011 Clause 5	Ingress Protection Code	IP 20
	Class for the medical environment	B - home
Power cord length 2.5 m, ended with the socket plug	Group according to PN-EN 55011 Clause 5	1
	Power cord length	2.5 m, ended with the socket plug

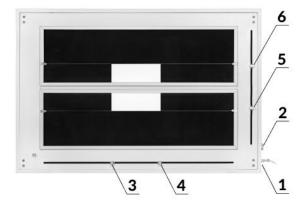


Fig. 1 X-ray film viewer with shutters for mammograms NGP 31 mZ $\,$

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