TECHNICAL DATA SHEET

NGP HF

NGP 11 HF
X-RAY FILM VIEWER

HOW DOES THE X-RAY FILM VIEWER WORK?

NGP HF X-ray film viewers are medical devices designed for the analysis of medical images on X-ray films, which is one of the basic methods of diagnosing human diseases. The NGP HF X-ray film viewers are multiframe devices characterized by: very quick ignition of fluorescent lamps, completely eliminated flickering effect, infinitely variable adjustment of luminance. 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.

BASIC DATA:

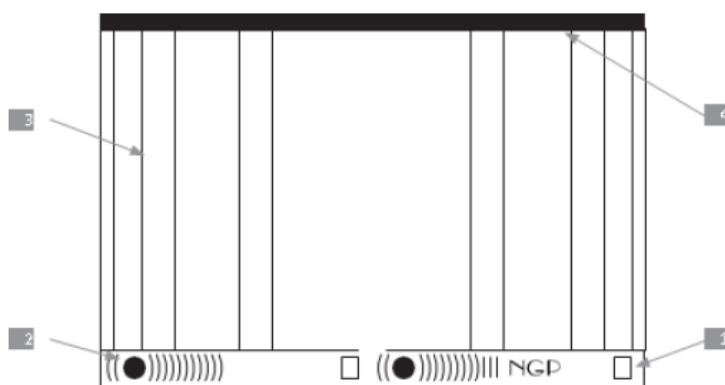|	
Mounting type	wall- mounted
Casing material	powder-coated steel sheet
Viewer screen material	PMMA
Switch on/off	built in x-ray film viewer body (Fig. 1 point 1)
X-ray film roller-type holder	yes
Ambient temperature	+10°C to +40°C
Relative humidity	30% to 70%
Atmospheric pressure	700 hPa to 1060 hPa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

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TECHNICAL DATA:

Supply voltage	230 V, 50 Hz
Power consumption	65 W
Luminance	6000 cd/m^2 +/- 25 %
Step-less luminance adjustment (each frame separately)	10 - 100 %
Colour temperature of the lamps light	≈ 6500 °K
Absolutely no light flickering	yes
Screen dimensions (L x H)	36 x 43 cm
Overall dimensions (L x W x H)	380 x 92 x 510 mm
Total mass	5.2 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

Fig. 1: X-ray film viewer NGP-21 hf front view

1. Switch on/off (separate for each frame)
2. Illuminance adjustment knob
3. Screen
4. X-ray film roller-type holder