

TECHNICAL DATA SHEET

# NGP HF



## NGP 60 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 multi-frame devices characterized by: very quick ignition of fluorescent lamps, completely eliminated flickering effect and 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	390 W
Luminance	6000 cd/m <sup>2</sup> +/- 25 %
Step-less luminance adjustment (each frame separately)	no luminance adjustment
Colour temperature of the light of the lamps	≈ 6500 °K
Absolutely no light flickering	yes
Screen dimensions (L x H)	108 x 96 cm ( two rows)
Overall dimensions (L x W x H)	1110 x 92 x 960 mm
Total mass	31.0 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

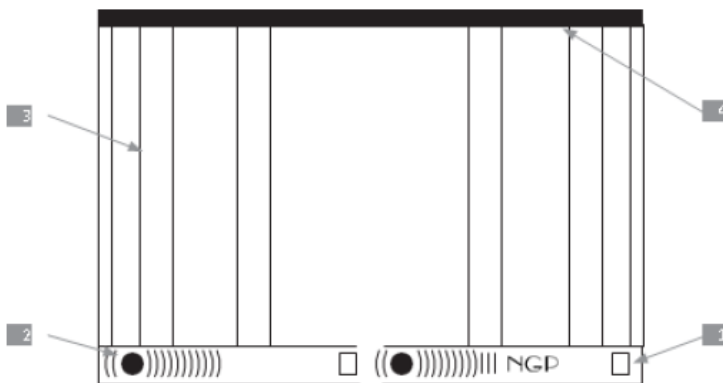


Fig. 1: X-ray film viewer NGP-21 hf front view

1. Switch on/off (separate for each frame)
2. Illuminance adjustment knob \*  
\*only in NGP 11, 21, 31, 41, 51, 61, 81 HF
3. Screen
4. X-ray film roller-type holder