X-RAY FILM VIEWER ST-SERIES

1 field, viewing area 36 x 43cm, 2x 15W………………………………. Order no. 0022 0400 30
2 field, viewing area 83 x 43cm, 2x 25W………………………………. Order no. 0022 0800 60
3 field, viewing area 121 x 43cm, 2x 36W………………………………. Order no. 0022 1300 90

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List of contents

1. Safety instructions ........................................................................................................... page 3
2. Mounting overview of the x-ray film viewer .............................................................. page 3
3. Operating the x-ray film viewer .................................................................................... page 4
4. Changing of spare parts ................................................................................................... page 5
   4.1 Opening the x-ray film viewer ........................................................................... page 5
   4.2 Changing the fuses ............................................................................................ page 5
   4.3 Changing the fluorescent lamps and the starter ............................................. page 6
   4.4 Changing the adjustable nylon thread ................................................................ page 6
   4.5 Closing the x-ray film viewer ........................................................................... page 6
5. Spare parts ....................................................................................................................... page 7
6. Spare parts list ................................................................................................................ page 8
1. Safety instructions

Please pay attention to the directions for use when handling the x-ray film viewer.

The manufacturer is only responsible for the safety of the x-ray film viewers if repairs and alterations have been carried out by himself or a company who can guarantee that the safety regulations have been observed.

The manufacturer is not liable for personal or material damages if the x-ray film viewer is misappropriately or incorrectly operated or misused.

2. Mounting overview of the x-ray film viewer

Example: x-ray film viewer with 2 fields, viewing area 83 x 43cm, 2x 25W
3. Operating the x-ray film viewer

- After mounting the x-ray film viewer on the wall using the enclosed safety dowels and screws, remove the **protective foils F** at the upper and bottom side of the viewer.

- Turn on the x-ray film viewer with the **switch 1**.
- Fix the film with the **film grip 2**.
4. Changing of spare parts

4.1 Opening the x-ray film viewer

Attention!
Unplug from mains.

- Slide down the adjustable nylon thread 4 taking care not to damage the front panel 5.

- Press down gently on the film grip 3 and insert the tip of a thin flat head screw driver between the grip and the housing.
- Release the film grip 3 together with panel 5 by prying it open with the screw driver every few inches across the top.
- You may now carefully pull the panel 5 in a flat angle upward out of its holding.

4.2 Changing the fuses

Attention!
Unplug from mains.

- Remove the fuse 6 off its mounting device (eventually by using a screw driver).
- Mount the new fuse.
- Check the function of the fuse.

<table>
<thead>
<tr>
<th>Number of Fields</th>
<th>Fuse Type</th>
<th>Number of Fuses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 field / 2 x 15W</td>
<td>2 fuses 1A</td>
<td></td>
</tr>
<tr>
<td>2 fields / 2 x 25W</td>
<td>2 fuses 1A</td>
<td></td>
</tr>
<tr>
<td>3 fields / 2 x 36W</td>
<td>2 fuses 1A</td>
<td></td>
</tr>
</tbody>
</table>
4.3 Changing the fluorescent lamps and the starter

Attention!
Unplug from mains.

- Turn the fluorescent lamp 7 for approx. 90° to the left and pull it out of its mounting device.
- Insert the new fluorescent lamp.
- Turn the fluorescent lamp for approx. 90° to the right until it snaps in.
- Turn the starter 8 for approx. 20° to the left and remove it by pulling it forward.
- Insert the new starter.
- Turn the starter for approx. 20° to the right until it snaps in.

4.4 Changing the nylon thread

- Loosen the two sliders 13 of the nylon thread by using a screwdriver.
- Exchange the nylon thread.
- Mount the two sliders of the nylon thread to the lateral guidances of the x-ray film viewer, until they snap in.

4.5 Closing the x-ray film viewer

- Insert the front panel 5 in a flat angle at the bottom part of the x-ray film viewer.
- Press the front panel 5 at the upper edge of the x-ray film viewer against its housing, until the panel snaps in.
5. Spare parts

[Image of a section of a machine with labeled parts: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
## 6. Spare parts list

<table>
<thead>
<tr>
<th>Pos.</th>
<th>Name</th>
<th>X-ray film viewer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1 field</td>
</tr>
<tr>
<td>1</td>
<td>Fluorescent lamp 15W*</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>Fluorescent lamp 25W*</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Fluorescent lamp 36W*</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Fluorescent lamp ballast</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>Starter</td>
<td>2</td>
</tr>
<tr>
<td>6</td>
<td>ON/OFF switch</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>Fuse 1A</td>
<td>2</td>
</tr>
<tr>
<td>8</td>
<td>Nylon thread (short size)</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>Nylon thread (middle size)</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Nylon thread (long size)</td>
<td></td>
</tr>
</tbody>
</table>

* We recommend the change of the entire set of fluorescent lamps, so the light quality remains at a constant high level.