X-Ray film duplicator
(708080)

Operating manual

1. Introduction
The x-ray film duplicator is operated by a lamp with black ultraviolet light of 15 W. The surface where the x-ray films are positioned, is made of glass.

1 – main button
2 – power cable
3 – adjustment of light intensity
4 – LED for power
5 – LED for U.V.
6 – start button
7 – timer
8 – fusible

2. Installation
Before you start with the set-up procedure, please make sure that all components are included. Usually the x-ray film duplicator is used in the dark room. The unit has to be positioned on a flat surface.

3. Connection to electricity
The x-ray film duplicator is delivery with power supply cable (2) and safety fusibles (8). A power plug close which is positioned close to the unit is required. Once the unit
is connected to the electricity, make sure that the unit is supplied with power (LED 4 on).

4. Function
To use the unit, please proceed as following:
- put the x-ray film you want to duplicate on the surface of the unit, then put on the same x-ray film the new x-ray film, then put the rubber cover on the films
- adjust the time from 1-20 seconds, buy using button (7)
- position button (3) in one of the three possible positions:
  Pos. 0 min. light
  Pos. 1 middle light
  Pos. 2 max. light
- push button start (6), the UV led (5) will switch on and remain switched on,
- don’t remove the rubber cover during the duplication proceedings

SUGGESTED ADJUSTMENT
LIGHT POS 1 (rif. 3)
TIME POS. 10 (rif. 7)

Power: 230 V – 50 Hz

4.0 Maintenance
The x-ray film duplicator does not require any special maintenance. It is suggested to keep the glass surface clean and to avoid to have dust on it. This might influence the emission of the light.

4.1 Replacement internal parts
It is necessary to remove the glass top, to replace the bulb. Please use only spare parts which have the same technical features.
ATTENTION: All kind of maintenance proceedings, have to be executed by experienced and qualified engineers. Before you start with any maintenance proceeding, please make sure that the unit is disconnected from the power supply.

5.0 Warranty
The repair or replacement of any broken part, is part of the warranty regulations. The warranty is excluded by damages effected by non proper use. The warranty is also not valid, if any of instructions mentioned in this manual, is not considered.

ATTENTION: This manual has to be kept for the whole live of this unit and should be available at any time during the unit is used.