

CABLAS s.r.l.

Via Michelangelo Buonarroti, 52/B - 20093 Cologno M.se (Mi)

**WALL RECESSED
X-RAY FILM VIEWERS**



**INSTRUCTION AND INSTALLATION
HANDBOOK**



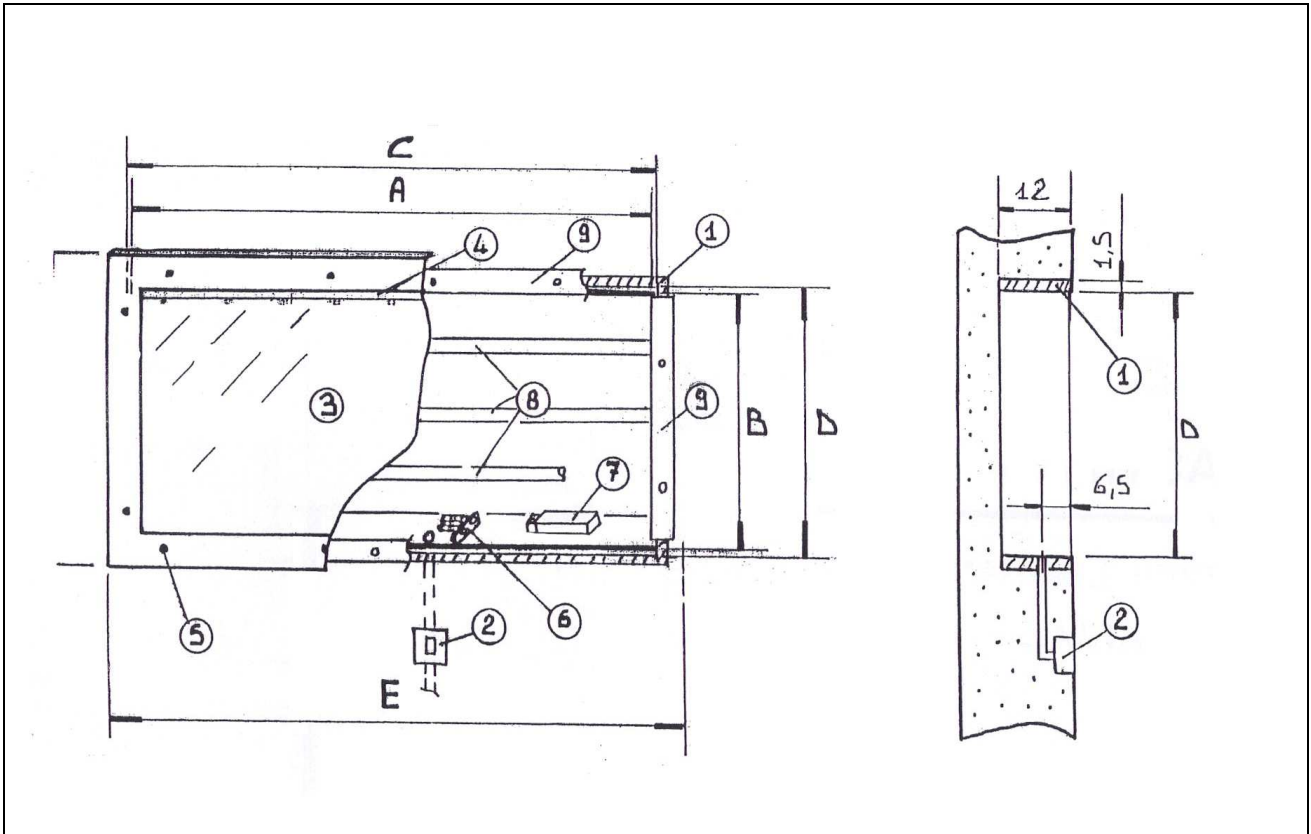
REV.01/2015

1.0 INTRODUCTION

Stove enamelled steel structure. Lighting is given by fluorescent tubes with colour temperature of 6500°K. The detailed study of their position has allowed an homogeneous lighting on all the surface of the screen. White monochromatic diffuser.

All the electrical components conform to the strictest Norms in force. The apparatus is equipped with pressing rolls film holding system. All the x-ray film viewers are of Class 1.

WALL RECESSED ILLUMINATOR



LEGEND

- 1 – Pinewood hole frame (setting by the customer)
- 2 – Explosion-proof switch (setting by the customer)
- 3 – Acrylic opaline diffuser thickness 3 mm
- 4 – Satinized steel frame with pressing rolls film holding system
- 5 – Frame blocking screw.
- 6 – Terminal board with internal fuse-holder
- 7 – Reactors
- 8 – Neon tubes of 6000°K
- 9 – Iron sticks diffuser-blocking
- 10- Stove enamelled steel structure painted RAL 9010

2.0 INSTALLATION

Before installation process, check that all the delivered material is complete in all parts.

2.1 Wall fixing

To fix the illuminator into the wall, disassemble the inox steel frame (4), acting on the blocking screws (5), then metal frames (9), and opaline diffuser (3). Insert the structure into the predisposed wall hole (setting by the customer as per attached drawing) and screw it to the wooden box through biting screws, at this point it is possible the electrical connection of the illuminator using the fuse-holder connection. Close the illuminator following backwards the previous operation.

2.2 Electrical connection

For the electrical connection, predispose centrally at the wall hole frame, on the lower base, a hole of 2 cm. diameter 2 cm. for the feeding cable crossing. The cable must be connected to an explosion-proof switch or bipolar with a minimum distance from the contacts of mm.3 and installed by the customer. The electrical system we connect our device, must be well-done-job executed according to Norm CEI 64-4. The feeding plug must be equipped with earth contact.

ATTENTION!!! All the operation of installation and connection must be done by expert and qualified personnel.

3.0 MAINTENANCE

The x-ray film viewer doesn't need a special maintenance. We suggest a regular diffuser cleaning with a cloth in order to remove dust and prints that could "filter" light emission and adulterate the screen.

4.0 ELECTRICAL COMPONENTS REPLACEMENT

To approach in the illuminator, follow indication at point 2.1. Before processing repair or maintenance of the illuminator, we recommend to disconnect the apparatus from the electrical net. The possible replacement of electrical components, must be done using materials with the same features, to assure the continuous protection against fire and the device security.

The illuminator is not manufactured with explosion-proof Norms.

5.0 WARRANTY

Repair or replacement of faulty parts is under warranty.

Warranty does not include indirect damages and any kind of consumer material is excluded. Moreover warranty is excluded in case of inappropriate use, incorrect use and in case of inobservance of the information contained in this manual.

ATTENTION: this handbook must be kept during all the life of the illuminator and must be always at disposal of operators and maintenance staff.

Cablas srl declines every kind of responsibility on case of omission or tampering of the device.



This apparatus is countermarked by the symbol of differentiated collection related to the electrical and electronic components material dumping. It means that this product must be brought to a differentiated collection centre in accordance with the European Directive 2002/96/CEE, in order to be recycled or demolished to reduce the possible environmental impact. For more information in this matter we suggest you to refer to the local or regional administrations. Electronic products that are not object of a differentiated collection are potentially injurious to the environment and to the human health because of the presence of dangerous substances.



FEATURES – WALL RECESSED SERIE

CODE	CND	N.REP.	WALL HOLE NET LIGHT FRAME cm	OUTSIDE FRAME DIM.	N. OF TUBES	LIGHT SECTI ONS	W	A	FUSES	Cd/mq
M-NI-90	Z110702	48382	95,5x50,5x 12	102X57X 11	3-30W	1- 90x43	120	0,6	1	3300
M-NI-120	Z110702	48400	125,5x50,5 x12	132X57X 11	3-36W	1- 120x4 3	130	0,6	1	3500

CE CONFORMITY DECLARATION

The undersigned "CABLAS S.r.l."
office at Via Michelangelo Buonarroti 52/B
20093 Cologno Monzese (MI) - ITALY

DECLARES

Under own responsibility that the product

X-RAY FILM VIEWER WALL RECESSED SERIES

Codes

MI-NI-90	MI-NI-120
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Which this declaration refers, conforms to
Directive 93/42/CEE – Medical Devices - Class 1

Moreover meets the Directive 73/23 CEE (Low tension)
89/336 CEE (Electromagnetic compatibility).

The construction conforms to Norms
EN 60601 -1,2 - Din 6856 -1,2

Cologno Monzese, year 2013

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