

RADIATION PROTECTION



Non Magnetic MR Equipment

X-Ray Protection

Nuclear Medicine

Radiotherapy



X-RAY PROTECTION

Principle : The lemer Pax mobile screens providing 2,00 mm lead protection are realised in flame resistant materials with contemporary design.

The 2,00 mm lead equivalent lead glass window assures an homogenous protection with the lead lined opaque lower panel finished with a white pearl durable surface. The entire screens are mounted on heavy duty steel legs and pivoting ball bearings casters with brakes.



PM1



PM2



PM3



PM4



PM5

Ref.	06100001	06100004	06100014	06100016	06100018	06100019
Dimensions	PM0	PM1	PM2	PM3	PM4	PM5
Front panel	750 * 2000	750 * 2000	800 * 2000	950 * 1170/2000	750 * 2000	750 * 2000
Lead glass	300 * 200	400 * 600	800 * 800	800 * 830	500 * 800	500 * 800
Side protection						250 * 1710

RENOV X 1+2

LEAD GLASS CLEANING KIT

Specially developed for the lead glass cleaning (take off oxidation - marbling - blackness) 2 vials of 50 cl/kit.

REF : 06019999 The kit



ADVICE : The lead glass is a very sensitive material. It is so recommended to clean exclusively the protective screens with the product RENOV X 1+2.

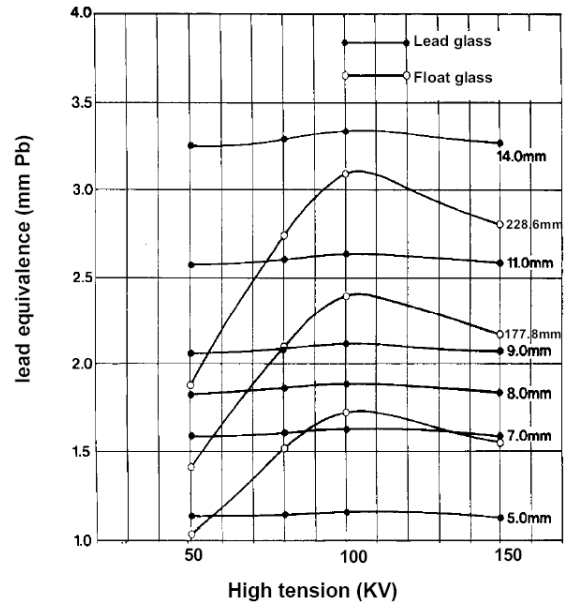


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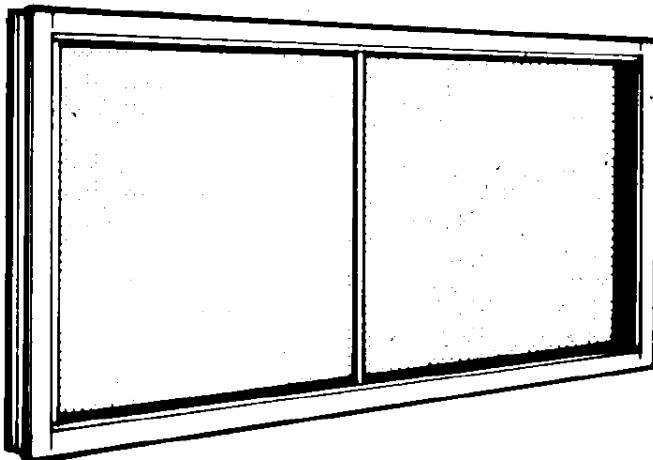
The LEMER PAX Radiation Shielding lead glass is manufactured with thick materials of high optical quality that gives a very good transmission in the visible light of wavelength (400 to 700 nm) for a visual comfort and an optimal security. It is provided in standard in radiation protection equivalences of 1 mm or 2 mm of lead and in maximum sizes of 2400 x 1200 mm. It can be cut or drilled according to your specifications.

LEAD EQUIVALENCE BETWEEN THE LEAD GLASS AND THE WINDOW GLASS

The ordinary glass is not recommended for the observation windows of the X ray control room. For example, in order to obtain a lead equivalence of 1 mm for a high tension going from 50 and 150KV, the ordinary glass must be thicker than 126.8mm. In comparison, only 5 mm of lead glass are necessary to obtain an equivalent protection.



PORTHOLE SCREEN



2 mmPb protection (in red wood)		
Ref.	Frame dimension (mm)	Glass dimension (mm)
01150213	1200 x 800	1100 x 700
01150210	1300 x 900	1200 x 800
01150211	1300 x 1100	1200 x 1000
01150212	1900 x 1100	1800 x 1000
01150214	2500 x 1300	2400 x 1200

Other dimensions available on request

To be incorporated in a wall, or in a dry partition, the leaded frame thickness and the porthole screen dimension are adjusted to each type of installation.

Two types of leaded frames are available : in red wood or in aluminium section. Maximum height of the glass : 2000 mm.

