Declaration of lead equivalence testing for 2.0 mm lead glass

Kenex radiation protective shields: -
303, 340 and 350

This certifies that that above listed class I medical devices contain a lead glass material with a minimum lead equivalency value of 2.0 mm as tested by Public Health England.

Public Health England Lead equivalence report No. 80597a - 17th June 2016

Sample material:	Lead glass used as X-ray protective windows – 7.0-8.5 mm physical thickness
X-Ray potential:	80 kV, 100 kV, 110 kV and 150 kV
Results:	
Lead equivalence:	80 kV = 2.27 mm Pb
	100 kV = 2.28 mm Pb
	110 kV = 2.30 mm Pb
	150 kV = 2.11 mm Pb

All the equipment associated with the measurements performed in the report have calibrations directly traceable to National Standards via the National Physical Laboratory or UKAS Accredited calibration facilities. All testing was carried out in accordance with IEC 61331-1:2014.

Signed:

Paul Hunt
Managing Director
On behalf of Kenex (Electro-Medical) Ltd
8th March 2018

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