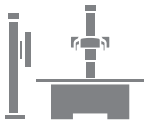


X-Ray Grid



Radiography System



Software



Computed Radiography



Processor



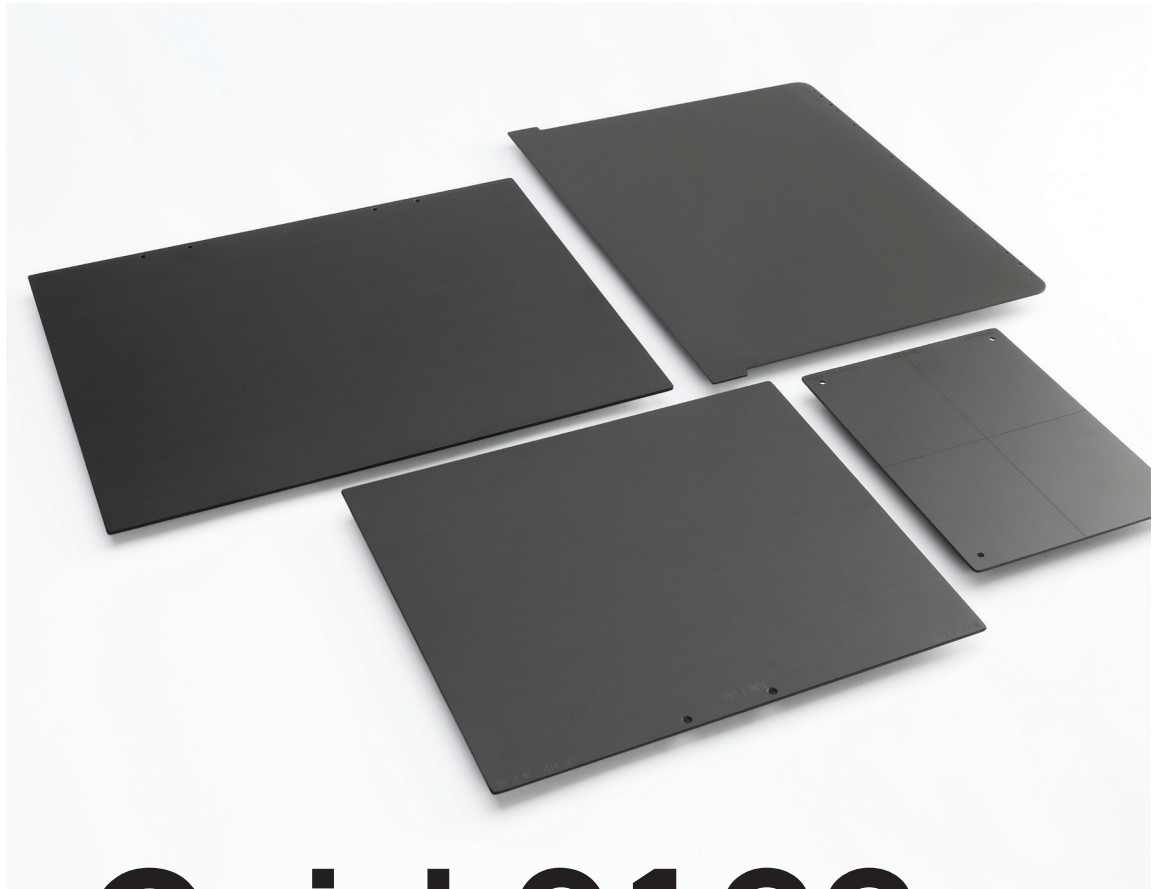
X-Ray Accessories



RF Treatment



Diagnostics



# Grid 2100

Carbon Graphite - Interspaced Grid for Mammography

## Specifications

- High Transmission Grid for Digital Imaging.
- It improves the transmission rate which reduces the Bucky Factor. This ultimately reduces patient exposure.

## Features

A Carbon Graphite-Interspaced with Carbon-fiber covered Grid which is optimal for digital mammography units. Using the sawing process from the field of semi-conductors, JPI Grid-2100 can be controlled to very small measurements, which eliminates the abnormal uniformity of density such as Moire phenomenon.



Dimension : 18 x 24cm or 24 x 30cm

Line Density : from 79LPI to 300LPI

Ratio : from 3:1 to 6:1

Focal Distance : 58cm ~ 70cm

## Physical Characteristics

LineRate(L/Cm)/Ratio	Digital Image Test			
	Tp(±10%)	B(±10%)	K(±10%)	S(±10%)
31/4	76	1.73	1.36	4.00
36/5	75	1.75	1.38	4.10
41/5	74	1.78	1.40	4.20

· X-ray Condition: a. 35kVp 50mAs, b. F/S 0.5mm, c. FD 60cm, d. Mo Filtration.

· Measurement : Fluorescent Meter.

· This test was done based on IEC 60627 2001 (2nd), Clause 5.1.4b), 5.2.1, 5.2.3 The international test standard for mammo grids.

## Tomo Grid

	Tp(±10%)	B(±10%)	K(±10%)	S(±10%)
-100L/r5	72	1.8	1.4	4.2

## Static Grid (Anrad Mammo Detector)

	Tp(±10%)	B(±10%)	K(±10%)	S(±10%)
-120L/r5	70	1.82	1.43	4.3

★ **Static Mammo Solution** : The grid can be customized for detectors.

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