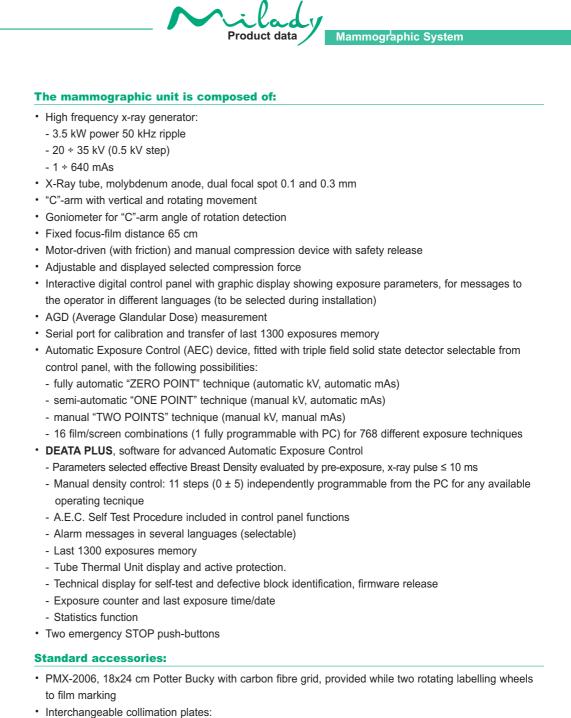


Mammographic System



Technologically advanced mammographic system, offering the best quality/price ratio. Lightweight and easy-to-use, facilitating the operator's job. Excellent diagnostic image quality, similar to the top-of the line models, at a very competitive price. Possibility to store in the unit's memory, during the installation, the typical calibration curve for the available film processor, in order to obtain constant iconographic results independently of the examinated breast intrinsic density.





- 18x24 cm format
- Ø 14 cm format
- · 16x22 cm shifted compression paddle, for 18x24 cm format
- · 12x8 cm compression paddle with straight front side
- · One pair of compression pedals
- · X-ray control push-button with extensible cable
- · Device for 1.5x and 2x geometric magnification
- · Phantom for complete daily check of the mammographic system



Product data Mammographic System

TECHNICAL FEATURES

	I ECHNICAL FLATORES	
H.V. GENERATOR	 Line voltage compensation 	AUTOMATIC
		H.V. generator with kV closed loop and line
		Feed forward compensation
	Inverter Technology	Current fed, Mosfet bridge with output current
		limit capability and short circuit protection
	Inverter Frequency	25 kHz
	Ripple Frequency/Amplitude	50 kHz < 2%
	Nominal Power	3.5 kW
	• kV range	20 / 35 kV
	 kV resolution (Man & Auto mode) 	0.5 kV
	 kV resolution (Man & Auto mode) kV precision 	±1%
		± 0.1%
	• kV repeatability	
	• kV risetime	≤1.5 ms from 0 to100%
	• kV display	XX.X kV (3 digits)
	Anode current max	100 mA
	mAs range	Small focus: 1/200 mAs (from 20 to 30 kV)
		1/180 mAs (from 31 to 35 kV)
		Large focus: 1/640 mAs (from 20 to 30 kV) 1/500 mAs (from 31 to 35 kV)
	 mAs values according to R'20 series 	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 16, 20, 25, 32,
		40, 50, 63, 80, 100, 130, 160, 180, 200, 250,
		320, 400, 500, 640
	mAs resolution (Automatic)	0.1 mAs
	• mAs display	XXX.X mAs (4 digits)
	Exposure Time	Automatically selected as a function of selected
		mAs (max. 8 s)
	Safety timer	10 s
		10.5
X-RAY TUBE ASSEMBLY	Anode rotation speed	3000 rpm 50 Hz
I.A.E. XM12I	Target material	Molybdenum
	 Maximum Anode Heat Content 	225 kJ (300 kHU)
	 Maximum Anode Cooling rate 	500 W
	Maximum X-Ray Tube Assembly Heat Content	320 kJ (440 kHU)
	 Housing continuous Heat Dissipation 	80 W (108 HU/s)
	Cooling method	free air convection
	Anode Disc Target Angle	12.5°
	Anode Disc Diameter	80 mm
	Power	4800 W large 1150 W small
	Focal spots	2
	Focal spot size according to IEC 336	0.1 small 0.3 large
	X-RAY Window	0.5 mm Beryllium
	Inherent filtration	0.0 mm Al IEC 522/1976
	Fix Filter (standard)	30 µm Molybdenum
	Automatic Filter FILTROMAMM (optional)	30 µm Molybdenum 30 µm Rhodium
	HVL measured at 28kV	>0.3 mm Al equiv.
	Total filtration	>0.5 mm Al equiv.
FILTER PROPERTIES	• 30 µm Molybdenum	0.38mm Aleq @ 28 kV, measured with Mo
	20 um Dhadium (antiac -1)	target and no additional filter
	• 30 µm Rhodium (optional)	0.62mm Aleq @ 28 kV, measured with Mo target and no additional filter
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Product data Mammographic System

	TECHNICAL FEATURES	
TUBE ASSEMBLY THERMAL	With active temperature sensor under	Upper limit temperature 65° outside tube
OVERLOAD PROTECTION	main CPU control	assembly. HU and °C display available in technical menu.
AUTOMATIC EXPOSURE CONTROL	Controlled parameters	Auto kV / Auto mAs (ZERO POINT)
(DEATA PLUS)		Manual kV / Auto mAs (ONE POINT)
· · · · ·	Auto parameters selection criteria	Selected as a function of effective BREAST
		DENSITY evaluated by preexposure x-ray pulse ≤ 10msec
	Auto kV range	Function of the selected technique
	-	(standard-extended-high contrast-low dose),
		the Anode/Filter coupling and the precise
		regulation + 0.5/+ 1/+ 1.5kV
	Manual density control	11steps 0 ± 5
		Programmable from PC independently for all
		the operative techniques available
	Film Screen combinations with Deata plus	16 film/screen programmable for 768
		independent calibration
	• Film Screen combinations with Reduced Deata	3 film/screen with manual programmable
		optical density
	O.D. linearity over 2 to 6 cm of Plexiglas	± 0.1 of O.D.
	Reference O.D.	Programmable during installation
	A.E.C. short time stability measured over	
	10 exposures taken at 28kV 50mAs	<3%
	Detector	PHTM 9000
		SOLID STATE (9 active sensors)
	Detector Positions	3 Electronically selected positions
	Detector saturation protection	Effective protection against erratic response
		due to detector saturation
	Test Phantom	3x2cm + 1cm + 0.5cm of Plexiglas
	Exposition Break	for calibration and daily self test procedure For breast density exceeding max value
		programmed during calibration with a dose
		< 1mAs
	A.E.C. Self Test Procedure	Included in control panel functions
	Average glandular dose measured in ACR	
	method: 4.5 cm phantom of 50% glandular	
	tissue and 50% adipose tissue exposure taken	
	with 28 kV	< 3mGy
IMAGE QUALITY	Spatial resolution	Complying with:
	· Spatial resolution	"European Guidelines for quality assurance in
		mammography screening", third edition,
		and with
		"Recommended specifications" for Quality
		assurance in mammography of American
		College of Radiology
	<u>e55</u> e	্র ব্য

Product data Mammographic System

TECHNICAL FEATURES

• FED. 65 m • Vertical movement with respect to Breast support (C-ARM in vertical position) 95 mm ito 130 cm max Lexan screen for patient's face protection • Vertical movement with respect to Breast support (C-ARM in vertical position) • Light Beam Automate switch ON when operating compression and determine time? • Light Intensity • Light Beam Compression and determine time? • 160 kg • Light Intensity • Light Beam Control Control To Science • 160 kg • Compression Paddles (splotnam) Manual or motor driven Interchangebel collimation plate for 1822 cm Interchangebel collimation plate for 1822 cm • 160 kg • Compression Paddles (splotnal) • 160 kg • Compression Paddles (splotnal) • 1642 cm sithed, 123 cm straight • Assimum free space available between 139 cm with shifted Compression Paddles of Indegration mode. • Compression Paddles and image receptor • Magnification resion maddles of 162 bitsplot • Compression plate release differ exposure • Compression plate release differ exposure • Compression plate aluminium equival • Sift 1 • Sift 1 • Compression plate aluminium equival • Sift 1 • Sift 1 • Sift 1 • Compression plate aluminium equival • Sift 1 • Sift 1 • Sift 1 • Comp		I LONNIGAL I LATOREO	
• Verical movement with respect to Breast support (C-ARM in vertical position) Scorm into 130 cm max Loxan screen for patient's face protection compression and electronic timer • Light tent protection - Light Mean Automatic switch ON when operating compression and electronic timer • Light tintensity - 150 lux according to EIC 601-1.3 • Light tintensity - 150 lux according to EIC 601-1.3 • Mirror • Collimation plates Interchangeable collimation plate for 18x24 cm film size (FFD 62m) and 0714 cm • Compression Paddles (standard) 16x22 cm shited, 12x8 cm straight • Compression Paddles (standard) 16x22 cm shited, 12x8 cm straight • Compression Paddles (standard) 16x22 cm shited, 12x8 cm straight • Compression Paddles (standard) 16x22 cm shited, 12x8 cm straight • Compression Paddles (standard) 16x22 cm shited, 12x8 cm straight • Compression Paddles and image receptor Infragitit compression plate • Compression Thickness Display Displayed in mm • Compression plate anuminum equiv. Less than 0.2 mm AI (0.135 mm Al=00 kV) • Compression plate anuminum equiv. Less than 0.2 mm AI (0.135 mm Al=00 kV) • Compression plate anuminum equiv. Less than 0.2 mm AI (0.135 mm Al=00 kV) • Compression plate anuminum equiv.	C-ARM	• F.F.D.	65 cm
support (C-ARM in vertical position) 5cm min to 130 cm max Lexan screen for patient's face protection COLLIMATOR Light beam Automatic switch ON when operating Light intensity 2 150 lux 2 150 lux Automatic switch OUT of FIELD Numbers 2 150 lux 2 150 lux Vitror with automatic OUT of FIELD Numbers 2 150 lux COMPRESSION SYSTEM Compression Paddles (standard) 16522 cm shifted, 1243 cm straight Compression Paddles (standard) 16522 cm shifted, 1243 cm straight 10.82 cm shifted, 10.82 cm Compression Paddles (standard) 16522 cm shifted, 10.82 cm 10.82 cm Maximum free space available between 39.5 cm with shifted Compression Paddles 10.84 cm Compression Paddles (standard) 16.82 cm shifted, 10.82 cm 10.84 cm Compression Paddles (standard) 16.82 cm shifted, 24.80 cm 10.84 cm Compression Paddles (standard) 16.82 cm 10.84 cm Compression Paddles (standard) 16.82 cm 10.84 cm Compression Paddles (standard) 10.82 cm 10.84 cm Compression Paddles (standard) 10.82 cm 10.81 cm Compression Paddles (standard) 10.91 cm 10.91 cm		Rotation	Manual ±180° with disc brake
Patient protection COLLIMATOR COLLIMATOR COLLIMATOR COLLIMATOR Collision Collision Collision Collision Compression and electronic timer Light intensity Light EEAM collination accuracy according to EG01-13 Compression Paddles of temp Compression Paddles (standard) Toc2 constitued, 24x30 cm shifted, 12x8 cm straight Compression Paddles (standard) Toc2 cm shifted, 24x30 cm shifted, 10x8 cm shifted, 12x22 cm shifted, 12x8 cm straight Compression Paddles (optional) Sorted, 12x8 cm Straight compression paddles Compression Paddles (optional) Sorted, 12x8 cm Straight compression paddles Compression Paddles (optional) Sorted, 12x8 cm Straight compression paddles Compression Paddles (optional) Sorted, 12x8 cm Straight compression paddle Compression palate release after exposure Selectable from control panel, automatic or manual for 2D biopsy Compression plate aluminium equiv. Less than 0.2 mm AI(0.135 mm AI+30 KV) Sorted, 12x8		 Vertical movement with respect to Breast 	
COLLIMATOR • Light beam Automatic switch ON when operating compression and electronic timer • Light Intensity ≥ 150 lux according to IEC 601-1-3 • Wirror with automatic OUT of FIELD function with automatic OUT of FIELD function • Compression Paddles collimation plate for 18x2d cm film size (FFD 65cm) and 0214 cm manual or motor driven • Compression Paddles (standard) 16x22 cm shifted, 12x8 cm straight • Compression Paddles (standard) 16x22 cm shifted, 12x8 cm straight • Compression Paddles (standard) 16x22 cm shifted, 12x8 cm straight • Compression Paddles (standard) 16x22 cm shifted, 12x8 cm straight • Compression Paddles (standard) 16x22 cm shifted, 12x8 cm straight • Compression Paddles (standard) 16x22 cm shifted, 12x8 cm straight • Compression Paddles (standard) 16x22 cm shifted, 12x8 cm straight • Compression Paddles (standard) 16x22 cm shifted, 12x8 cm straight • Compression Paddles (standard) 16x22 cm shifted, 12x8 cm straight • Compression Paddles (standard) 16x22 cm shifted, 12x8 cm straight • Compression Paddles (standard) 16x24 cm straight • Compression Paddles (standard) 16x24 cm straight • Compression Paddles (standard) 16x35 cm 44x30 cm		support (C-ARM in vertical position)	55cm min to 130 cm max
 Light intensity Light BEAM collimation accuracy Mirror Collimation plates Collimation plates Compression Paddle movement Manual or motor driven Compression Paddles (standard) Coc22 cm shifted, 22x40 cm shifted, 42x40 cm shifted, 42x40 cm shifted, 12x40 cm straight Compression Paddles (standard) Coc22 cm shifted, 42x40 cm		Patient protection	Lexan screen for patient's face protection
 Light intensity Light BEAM collimation accuracy Mirror Collimation plates Collimation plates Compression Paddle movement Manual or motor driven Compression Paddles (standard) Coc22 cm shifted, 22x40 cm shifted, 42x40 cm shifted, 42x40 cm shifted, 12x40 cm straight Compression Paddles (standard) Coc22 cm shifted, 42x40 cm		Linksha ang	Automatic suitely Oblack an another
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Light BEAM collimation accuracy All the collimation plates All the collimation plates Compression Paddle movement Compression Paddles (standard) Cox2 cm shifted, 12x8 cm straight Compression Paddles (optional) Soft compression Paddles (standard) Cox2 cm shifted, 12x8 cm straight Compression Paddles (optional) Soft compression Paddles (standard) Cox2 cm shifted, 12x8 cm straight Compression Paddles (optional) Soft compression Paddles (control between Compression Paddles and image receiptor All compression plate Compression Paddles and image receiptor Compression plate release after exposure Compression plate release after exposure Compression plate aluminium equiv. Less than 0.2 mm AI (0.135 mm AI=30 kV) Soft compression plate aluminium equiv. Less than 0.2 mm AI (0.135 mm AI=30 kV) Compression plate aluminium equiv. Cassette size Cossette detector switch Cost and add Cossette size Top Cover Carbon fibre Tote Vith NORMI Phantom Typical 3.5 balls Other features without tose Carbon fibre Table: 0.1 mm Aleq (carbon fibre) Table with grid: 0.3 mm Aleq			
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• Collimation plates Interchangeable collimation plate for 18x24 cm film size (FFD 65cm) and Ø14 cm COMPRESSION SYSTEM • Compression Paddle movement Manual or motor driven • Compression Paddles (standard) 16x22 cm shifted, 12x8 cm shifted, 10x8 cm • Compression Paddles (standard) 10x22 cm shifted, 12x8 cm shifted, 10x8 cm • Maximum free space available between 39.5 cm with shifted Compression Paddles • Maximum free space available between 39.5 cm with shifted Compression Paddles • Compression Paddle and image receptor (straight compression plate) MAG, X2 = 14cm MAG, X2 = 14cm MAG, X2 = 14cm • Compression Thickness Display Displayed in mm • Compression plate release after exposue Selectable from control panel, automatic or manual for 2D biopsy • Compression plate aluminium equiv. Less than 0.2 mm Al (0.135 mm Al=30 kV) MAGNIFICATION • Magnification ratio x1.5 / x2 with potter bucky • Contrast factor 1.47 • Cassette size 18x4 cm standard • Lines/cm 36 • Contrast factor 1.47 • Cassette detector switch With alarm in different languages to avoid double exposure or exposure without cassette • Top Cover • Top Cover Carbon fibre • Top Cover Carbon fibre • Top Cover			
COMPRESSION SYSTEM Compression Paddles (standard) Compression Paddle and image receptor Compression Paddle and image receptor Compression Paddle and image receptor Compression plate (standard) Compression Plate release after exposure Compression plate aluminium equiv. Less than 0.2 mm Al (0.135 mm Al=30 kV) Compression plate aluminium equiv. Less than 0.2 mm Al (0.135 mm Al=30 kV) Statistic factor Statistic factor Statistic factor Contrast factor Compression factor Compression Plate size Statistic mathematic exponsion Compression Compression plate aluminium equiv. Less than 0.2 mm Al (0.135 mm Al=30 kV) Statistic factor Statistic factor Contrast factor Contrast factor Contrast factor Cassette compatibility All the most wides pread models with window as: Aqfa, Dupont, Fuji, Kodak, 3M Cassette detector switch Top Cover Cassette detector switch Top Cover Cassette detector switch Top Cover Cassette detector switch			
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 Compression Paddles (optional) 10x22 cm shifted, 24x30 cm shifted, 10x8 cm shifted, 12x22 cm straight Maximum free space available between 39.5 cm with shifted Compression Paddles Compression Paddle and image receptor InMagnification Mode. (straight compression plate) MAG. X1.5 = 24cm Compression Plate release after exposure Selectable from control panel, automatic or manual for 2D biopsy Compression plate aluminium equiv. Less than 0.2 mm Al<0.135 mm Al<0.30 kV) Compression plate aluminium equiv. Less than 0.2 mm Al<0.135 mm Al<0.30 kV) Compression plate aluminium equiv. Less than 0.2 mm Al Contrast factor Lines/cm Contrast factor Contrast factor Contrast factor Contrast factor Contrast factor Const dete size Cassette detector switch With alarm in different languages to avoid double exposure or exposure without cassette Top Cover Cassette detector switch Top Cover Cassette detector switch Top Cover Cassette detector switch Other features Edity interchangeable with other accessories without tools Grid movement synchronized with X-RAY beam Altminum equivalence Table with grid: 0.3 mm Aleq 	COMPRESSION SYSTEM	Compression Paddle movement	Manual or motor driven
Maximum free space available between 39.5 cm with shifted Compression Paddles Compression Paddle and image receptor in Magnification Mode. (straight compression plate) MAG. X2 = 14cm MAG. X1.5 = 24cm MAG. X1.5 = 24cm Compression plate release after exposure Selectable from control panel, automatic or manual for 2D biopsy • Compression plate aluminium equiv. Less than 0.2 mm Al (0.135 mm Al=30 kV) • Compression plate aluminium equiv. Less than 0.2 mm Al (0.135 mm Al=30 kV) • Compression plate aluminium equiv. Less than 0.2 mm Al (0.135 mm Al=30 kV) • Compression plate aluminium equiv. Less than 0.2 mm Al (0.135 mm Al=30 kV) • Contrast factor (grid) 1.96 • Ratio 5.1 • Contrast factor 1.47 • Cassette size 18x24 cm standard • Constast factor 1.47 • Cassette compatibility All the most wides pread models with window as: • Cassette detector switch With alarm in different languages to avoid double exposure or exposure without cassette • Top Cover Carbon fibre • Top Cover Carbon fibre • Test with NORMI Phantom Typical 3.5 balls • Other features Without tools <th></th> <th>Compression Paddles (standard)</th> <th>16x22 cm shifted, 12x8 cm straight</th>		Compression Paddles (standard)	16x22 cm shifted, 12x8 cm straight
 Maximum free space available between 39.5 cm with shifted Compression Paddles Compression Paddle and image receptor (Straight compression plate) MAG, X2 = 14cm MAG, X1.5 = 24cm Compression plate release after exposure Compression plate release after exposure Compression plate aluminium equiv. Less than 0.2 mm Al (0.135 mm Al=30 kV) Compression plate aluminium equiv. Less than 0.2 mm Al (0.135 mm Al=30 kV) MAGNIFICATION Magnification ratio x1.5 / x2 with potter bucky Bucky factor (grid) 1.96 Ratio Contrast factor 1.47 Cassette size 24x30 cm optional Cassette compatibility Alga, Dupont, Fuji, Kodak, 3M Cassette detector switch Top Cover Top Cover Top Cover Top Cover Film marker Integrated with two labels wheels Test with NORMI Phantom Typical 3.5 balls Other features Aluminum equivalence Table: 0.1 mm Aleg (carbon fiber) Table with grid: 0.3 mm Aleg 		Compression Paddles (optional)	10x22 cm shifted, 24x30 cm shifted, 10x8 cm
Compression Paddle and image receptor in Magnification Mode_ (straight compression plate) MAG. X2 = 14cm MAG. X1 = 14cm MAG. X1 = 14cm • Compression Thickness Display Displayed in mm • Compression plate release after exposure manual for 2D biopsy Selectable from control panel, automatic or manual for 2D biopsy • Compression plate aluminium equiv. Less than 0.2 mm AI (0.135 mm AI=30 kV) • Magnification ratio x1.5 / x2 with potter bucky • Bucky factor (grid) 1.96 • Ratio 5:1 • Lines/cm 36 • Contrast factor 1.47 • Cassette compatibility All the most wides pread models with window as: Agfa, Dupont, Fuji, Kodak, 3M • Cassette detector switch With alarm in different languages to avoid double exposure or exposure without cassette • Top Cover Carbon fibre • Film marker Integrated with two labels wheels • Test with NORMI Phantom Typical 3.5 balls • Other features Grid movement synchronized with X-RAY beam • Aluminum equivalence Table: 0.1 mm Aleq (carbon fiber) • Table with grid: 0.3 mm Aleq Table with grid: 0.3 mm Aleq			shifted, 12x22 cm straight
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MAG. X1.5 = 24cm • Compression Thickness Display Displayed in mm • Compression plate release after exposure Selectable from control panel, automatic or manual for 2D biopsy • Compression plate aluminium equiv. Less than 0.2 mm Al (0.135 mm Al=30 kV) • Magnification ratio x1.5 / x2 with potter bucky • Bucky factor (grid) 1.96 • Ratio 5:1 • Lines/cm 36 • Constat factor 1.47 • Cassette size 18x24 cm standard • Cassette compatibility All the most wides pread models with window as: • Cassette detector switch With alarm in different languages to avoid double exposure or exposure without cassette • Top Cover Carbon fibre • Film marker Integrade with two labels wheels • Film marker Typical 3.5 balls • Other features Easily interchangeable with other accessories without tools Grid movement synchronized with X-RAY beam • Aluminum equivalence Table: 0.1 mm Aleq (carbon fiber) • Aluminum equivalence Table: with grid: 0.3 mm Aleq			(straight compression plate)
Compression Thickness Display Displayed in mm Compression plate release after exposure Selectable from control panel, automatic or manual for 2D biopsy Compression plate aluminium equiv. Less than 0.2 mm Al (0.135 mm Al=30 kV) MAGNIFICATION MAGNIFICATION Magnification ratio X1.5 / x2 with potter bucky Bucky factor (grid) 1.96 Ratio State of the second			MAG. X2 = 14cm
• Compression platee release after exposure Selectable from control panel, automatic or manual for 2D biopsy • Compression plate aluminium equiv. Less than 0.2 mm Al (0.135 mm Al≈30 kV) • Magnification ratio x1.5 / x2 with potter bucky • Bucky factor (grid) 1.96 • Ratio 5:1 • Lines/cm 36 • Contrast factor 1.47 • Cassette size 18x24 cm standard • Cassette compatibility Al the most wides pread models with window as: Agfa, Dupont, Fuji, Kodak, 3M • Cassette detector switch With alarm in different languages to avoid double exposure or exposure without cassette • Top Cover Carbon fibre • Film marker Integrated with two labels wheels • Test with NORMI Phantom Typical 3.5 balls • Other features Easily interchangeable with X-RAY beam • Aluminum equivalence Table: 0.1 mm Aleq (carbon fiber) • Aluminum equivalence Table: 0.1 mm Aleq			MAG. X1.5 = 24cm
manual for 2D biopsy • Compression plate aluminium equiv. Less than 0.2 mm Al (0.135 mm Al≈30 kV) MAGNIFICATION • Magnification ratio x1.5 / x2 with potter bucky POTTER BUCKY • Bucky factor (grid) 1.96 • Ratio 5:1 1.105 • Contrast factor 1.47 • Cassette size 18x24 cm standard 24x30 cm optional • Cassette compatibility • Cassette detector switch With alarm in different languages to avoid double exposure or exposure without cassette • Top Cover Carbon fibre • Film marker Integrated with two labels wheels • Test with NORMI Phantom Typical 3.5 balls • Other features Easily interchangeable with x-RAY beam • Aluminum equivalence Table: 0.1 mm Aleq (carbon fiber) • Aluminum equivalence Table: 0.1 mm Aleq		Compression Thickness Display	Displayed in mm
• Compression plate aluminium equiv. Less than 0.2 mm Al (0.135 mm Al≈30 kV) MAGNIFICATION • Magnification ratio x1.5 / x2 with potter bucky POTTER BUCKY • Bucky factor (grid) 1.96 • Ratio 5:1 1.06 • Lines/cm 36 24x30 cm optional • Cossette size 18x24 cm standard 24x30 cm optional • Cassette compatibility All the most wides pread models with window as: Agfa, Dupont, Fuji, Kodak, 3M • Cassette detector switch With alarm in different languages to avoid double exposure or exposure without cassette • Top Cover Carbon fibre • Film marker Integrated with two labels wheels • Test with NORMI Phantom Typical 3.5 balls • Other features Easily interchangeable with other accessories without tools Grid movement synchronized with X-RAY beam • Aluminum equivalence Table: 0.1 mm Aleq (carbon fiber) Table with grid: 0.3 mm Aleq		Compression platee release after exposure	Selectable from control panel, automatic or
MAGNIFICATION • Magnification ratio x1.5 / x2 with potter bucky POTTER BUCKY • Bucky factor (grid) 1.96 • Ratio 5:1 • Lines/cm 36 • Contrast factor 1.47 • Cassette size 18x24 cm standard • Z4x30 cm optional • • Cassette compatibility All the most wides pread models with window as: Agfa, Dupont, Fuji, Kodak, 3M • • Cassette detector switch With alarm in different languages to avoid double exposure or exposure without cassette • Top Cover Carbon fibre • Film marker Integrated with two labels wheels • Test with NORMI Phantom Typical 3.5 balls • Other features Easily interchangeable with other accessories without tools Grid movement synchronized with X-RAY beam • Aluminum equivalence Table: 0.1 mm Aleq (carbon fiber) Table with grid: 0.3 mm Aleq			
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POTTER BUCKY - Bucky factor (grid) 1.96 · Ratio 5:1 · Lines/cm 36 · Contrast factor 1.47 · Cassette size 18x24 cm standard · Cassette compatibility All the most wides pread models with window as: · Agfa, Dupont, Fuji, Kodak, 3M · Cassette detector switch With alarm in different languages to avoid double exposure or exposure without cassette · Top Cover Carbon fibre · Film marker Integrated with two labels wheels · Test with NORMI Phantom Typical 3.5 balls · Other features Easily interchangeable with other accessories without tools Grid movement synchronized with X-RAY beam · Aluminum equivalence Table: 0.1 mm Aleq (carbon fiber) Table with grid: 0.3 mm Aleq	MAGNIFICATION	Magnification ratio	x1.5 / x2 with potter bucky
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Product data	Mammographic System

TECHNICAL FEATURES

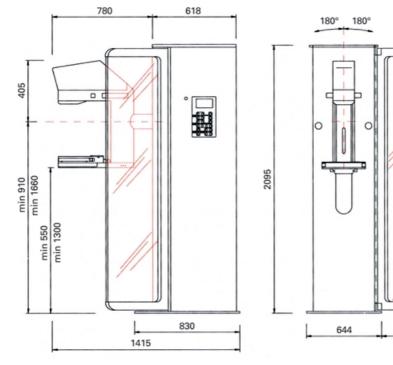
	TECHNICAL FEATURES	
DOSE CALCULATOR	Calculated dose	Average Glandular Dose (AGD)
	Data visualization	mGy on display, label printer and data memory with average dose value on 13 exposition to evaluate released dose
CONTROL CONSOLE	Technology	Microprocessor controlled with unique safety features exceeding IEC 601-1-4-, all functions under active operator control
	• Display	GRAPHIC LCD Display 240x128 dots
	Alarm messages	In several languages selectable
	Serial port for Film ID Flasher or Dose Label Printer	Dedicated for film labelling device
		(200 characters printed on film) or Adhesive Labels with Dose
	 Calibration and service Serial port Special features 	For service laptop with dedicated software Last 1300 exposure memory; Tube Thermal Unit display and active protection. Technical display for self-test and defective block identification, firmware release, exposure counter and last exposure
		time/date
	Statistics funtion	Average dose, amount of exposure for every
		kV value, amount of exposure in every test technique
FOOT PEDALS	For compression	One pair
EMERGENCY STOP/SHUTDOWN	Red push-buttons	On both sides to switch the unit totally off
SWITCHES		
ENVIRONMENTAL CONDITIONS	Storage and delivery conditions (while packed)	temperature -20° C / + 70° C relative humidity 10% / 90% barometric pressure 500 hPa/1060 hPa
	Operating conditions	temperature +10°C / + 40°C
		relative humidity 30% / 75%
	. Distantian degree executing to standard	barometric pressure 700 hPa/1060 hPa
	Protection degree according to standard IEC 529	IP 10
	Heat dissipated in max load condition of	
	35 kV 500 mAs (1 shot every 5 minutes)	264 kCal/h
ENVIRONMENT PROTECTION AND WASTE DISPOSAL	Device contains in some of its parts and subassemblies, solid and liquid substances that must be disposed only by designated companies according to local laws. More specifically, device contains:	
	Tube assembly	Beryllium, lead, glass, dielectric oil (PCB free),
	• H.V. transformer	other metals and plastic. Dielectric oil (PCB free), plastic, copper other metals
	Other subassemblies	Plastic, other metals, electronic components
		glass-epoxy printed circuits
		BMI

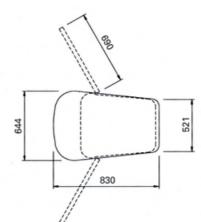
	TECHICAL FEATURES	
CLASSIFICATION (IEC 601-1)	 Protection against electric shock: 	Class I, with type B applied parts.
	 Protection against harmful ingress of water: 	IPX0
	Degree of safety in the presence of flammable	Not suitable for use in the presence of
	anesthetics mixture with. air or oxygen or	Flammable Anesthetics Mixture with air or
	nitrous oxide:	oxygen or nitrous oxide.
	Mode of operation:	Continuous operation with intermittent loading.
MAINS CHARACTERISTICS	Line voltage	220/230/240Vac ±10% 50/60 Hz
	Power	6.6 kVA (0.5 kVA stand-by)
	Current absorption	30 A peak
	Number of phases	1 or 2 configurable
	Connection	Permanently installed (IEC 601-1)

ilad Product data

- · Maximum apparent resistance
- Permanently installed (IEC 601-1) $0.50\,\Omega$

Mammographic System







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