

**XJET<sup>®</sup>** CONCEPT



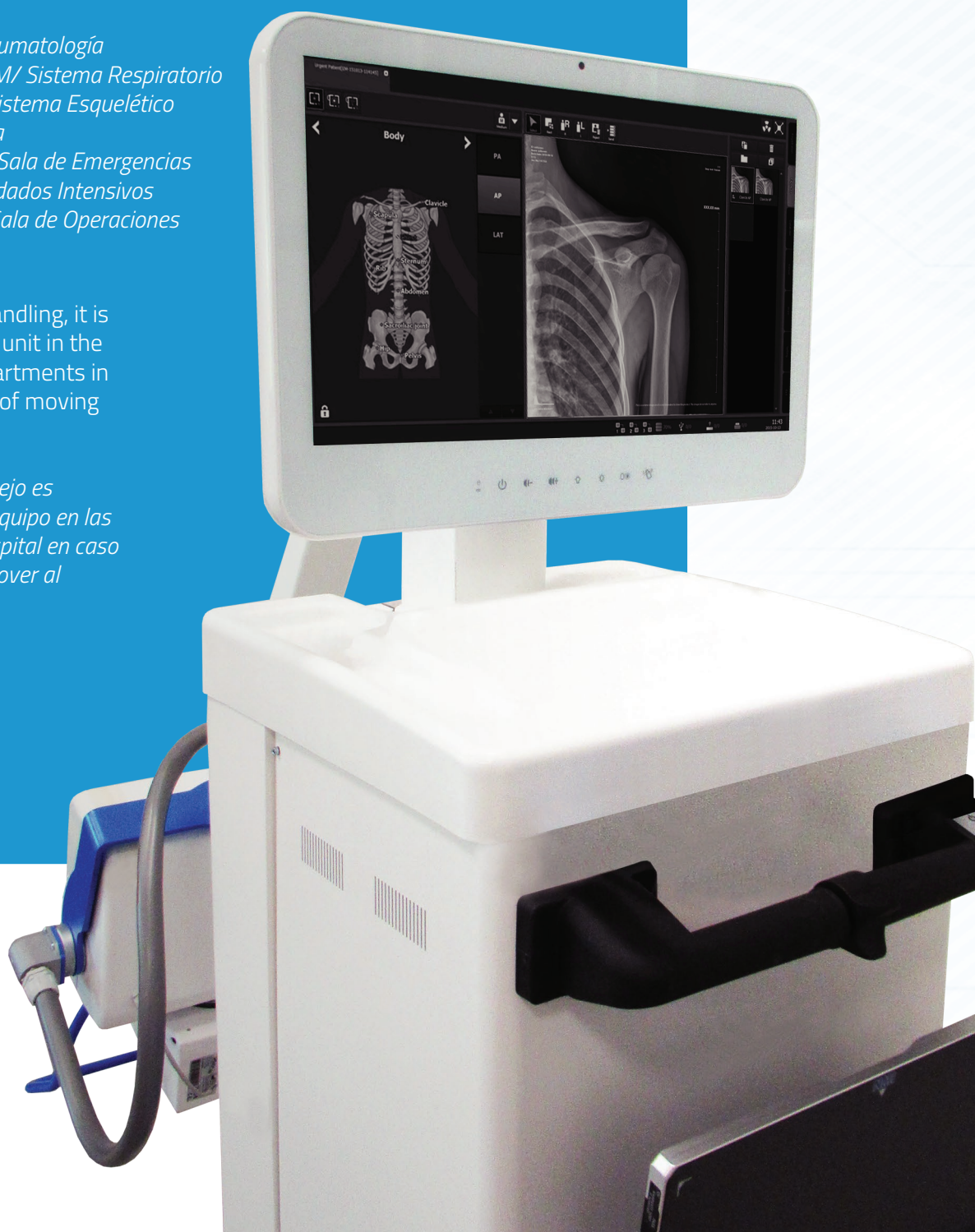
XJET is a mobile radiographic unit, designed for excellent performance capacity and responsiveness to the operative features in the field of general radiology, and especially in the following departments:

*XJET es una unidad de rayos X móvil diseñada con excelentes capacidades de rendimiento y capacidad de respuesta a las características operativas en el campo de la radiología general, y en particular en los campos de:*

TRAUMATOLOGY/ Traumatología  
RESPIRATORY SYSTEM/ Sistema Respiratorio  
SKELETAL SYSTEM/ Sistema Esquelético  
PEDIATRICS/ Pediatría  
EMERGENCY ROOM/ Sala de Emergencias  
INTENSIVE CARE/ Cuidados Intensivos  
OPERATING ROOM/ Sala de Operaciones

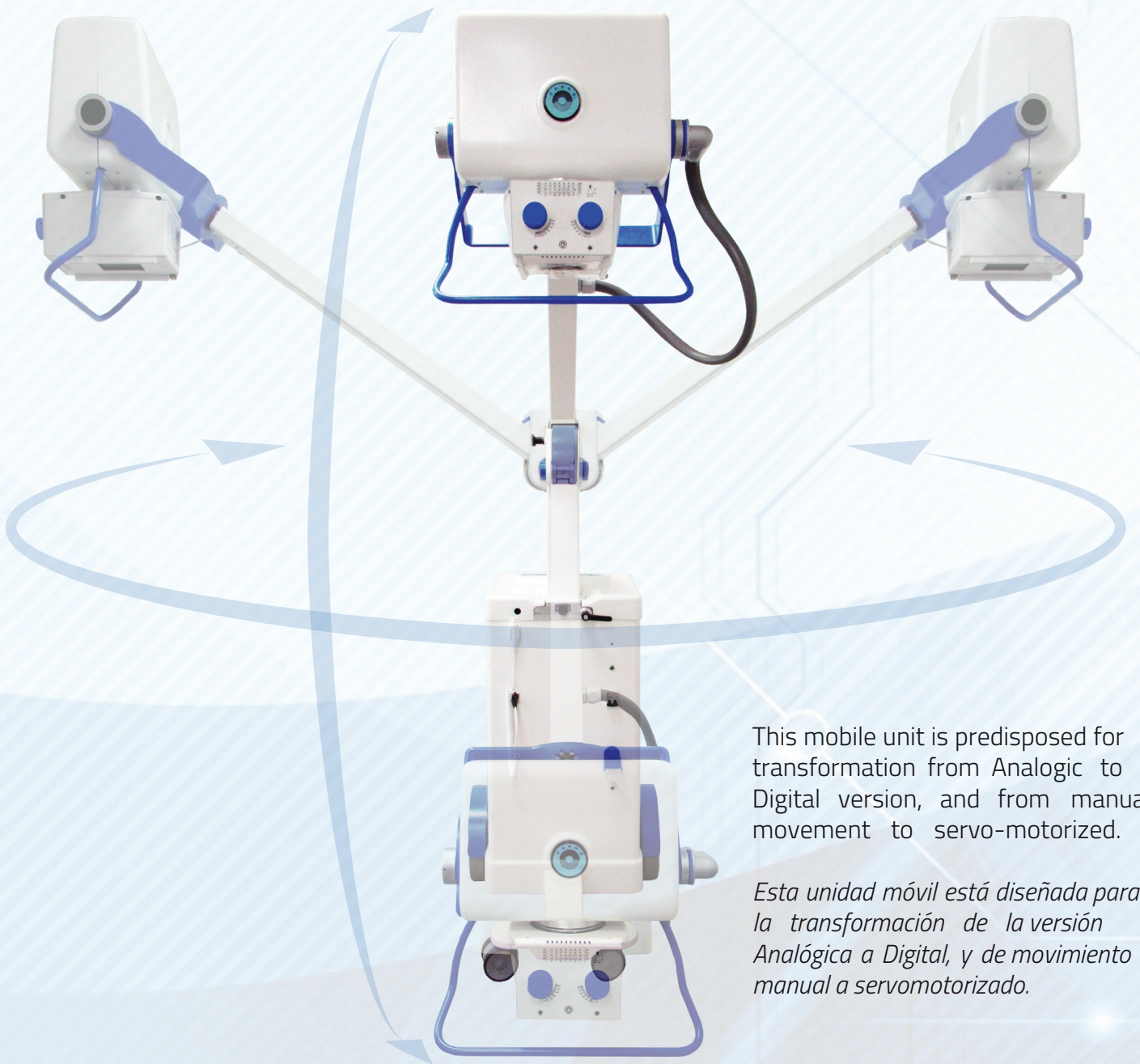
Thanks to its easy handling, it is possible to place the unit in the various hospital departments in case of impossibility of moving the patient.

*Gracias a su fácil manejo es posible posicionar el equipo en las distintas salas del hospital en caso de imposibilidad de mover al paciente.*



The XJET unit is available in powers 4KW÷50KW and in different configurations:  
*La unidad móvil XJET está disponible en potencias de 4 KW÷50KW y en diferentes configuraciones:*

*ANALOGIC/Analógico  
DIGITAL/Digital*



This mobile unit is predisposed for transformation from Analogic to Digital version, and from manual movement to servo-motorized.

*Esta unidad móvil está diseñada para la transformación de la versión Analógica a Digital, y de movimiento manual a servomotorizado.*



The digital version is equipped with a Wi-Fi panel detector 14x17(35x43) which is directly connected with a system of image acquisition. The use of the panel assures excellent results in terms of resolution and image quality.

*La versión digital está equipada con un panel detector Wi-Fi de 14x17 (35x43) conectado directamente a un sistema de adquisición de imágenes.*

*El uso del panel garantiza excelentes resultados en términos de resolución y calidad de imagen.*

The standard panel detector is the WIRELESS model 14"x17" (35x43cm). As option 17"x17" (43x43cm).

Medical PC Panel of 19" as option 22"

*El panel detector estándar es el modelo WIRELESS 14"x17" (35x43cm). Opcional 17x17" (43x43cm)*

*Panel de PC médico de 19" Opcional 22"*

**TECHNICAL FEATURES****FLAT PANEL SATURN 8000 14x17 WIRELESS**

Application	General radiography
Technology	a-Si TFT with photodiode: a-Si TFT with PIN diode
Scintillator Type	CsI (VAW: High MTF type), CsI (VAW PLUS: High DQE type)
Pixel Pitch	140um x 140um
Pixels	2,560 x 3,072 pixels
Active Area	358.4 x 430.08 (mm)
A/D Conversion	14 bit
Grayscale	16,384 steps
X-ray voltage range	40 ~ 150kVp
X-ray generator Interface	Line trigger : DR Trigger Mode Auto trigger : AED (Automatic Exposure Detection) Mode
Wireless Interface	IEEE 802.11a/b/g/n (2.4GHz/5GHz dual band)
Dimensions	460 (W) x 384 (L) x 15 (T) mm
Weight	Approx. 3.3kg (GADOX) / 3.4kg (CsI)
Operating Environment	Operational temperature: Min 0°C - Max 40°C Operation Humidity: Min 5% RH Max 90% RH
Power	DC24V, 0.5A (Wired Mode) / 7.4V 4,000mAh Lithium Ion Polymer Battery
Drop height	1m
Ingress Protection Rating	IP67
Battery	Built-in battery exchangeable
Battery Operating Time	stand by 8h
Load Limit	uniform load 400kg, local load 200kg
Operation shock & vibration	20g - 2G
Storage & Transport Shock & vibration	30g - 5G



## TECHNICAL FEATURES

	<b>XJET 4KW FIXED ANODE</b>	<b>XJET 6KW FIXED ANODE</b>
input voltage	115/230Vac single phase standard $\pm 10\%$	115/230Vac single phase standard $\pm 10\%$
maximum output power	<b>4KW (100 kV - 40mA - 100mS)</b>	<b>6KW (100 kV - 60mA - 100mS)</b>
frequency	40 kHz Fixed	40 kHz Fixed
kV range	40 ÷ 110kV (120 kV OPT) in step of 1kV	40 ÷ 110kV (120 kV OPT) in step of 1kV
mA range	25 - 100 mA associated automatically to kV	25 - 125 mA associated automatically to kV
mAs range	0.2 ÷ 320	0.2 ÷ 320
operating methods	2/3 points technique	2/3 points technique
exp. Time range	2 ms ÷ 6.3 sec in reason of mAs set	2 ms ÷ 6.3 sec in reason of mAs set

## TECHNICAL FEATURES

	<b>XJET 8KW FIXED ANODE</b>	<b>XJET 16KW ROTATING ANODE</b>
input voltage	115/230Vac single phase standard $\pm 10\%$	115/230Vac single phase standard $\pm 10\%$
maximum output power	<b>8KW (100 kV - 80mA - 100mS)</b>	<b>16KW (100 kV - 160mA - 100mS)</b>
frequency	40 kHz Fixed	40 kHz Fixed
kV range	40 ÷ 110kV (120 kV OPT) in step of 1kV	40 ÷ 125 kV (130 kV OPT) in step of 1kV
mA range	25 - 200 mA associated automatically to kV	50 - 400 mA associated automatically to kV
mAs range	0.2 ÷ 320	0.2 ÷ 320
operating methods	2/3 points technique	2/3 points technique
exp. Time range	2 ms ÷ 6.3 sec in reason of mAs set	1 ms ÷ 6.3 sec in reason of mAs set

## TECHNICAL FEATURES

	<b>XJET 32KW ROTATING ANODE</b>	<b>XJET 40KW ROTATING ANODE</b>
input voltage	115/230Vac single phase standard $\pm 10\%$	115/230Vac single phase standard $\pm 10\%$
maximum output power	<b>32KW (100 kV - 320mA - 100mS)</b>	<b>40KW (100 kV - 400mA - 100mS)</b>
frequency	40 kHz Fixed	40 kHz Fixed
kV range	40 ÷ 125kV (130 kV OPT) in step of 1kV	40 ÷ 125kV (130 kV OPT) in step of 1kV
mA range	50 - 500 mA associated automatically to kV	50 - 630 mA associated automatically to kV
mAs range	0.2 ÷ 320	0.2 ÷ 320
operating methods	2/3 points technique	2/3 points technique
exp. Time range	1 ms ÷ 6.3 sec in reason of mAs set	1 ms ÷ 6.3 sec in reason of mAs set

## TECHNICAL FEATURES

	<b>XJET 50KW ROTATING ANODE</b>
input voltage	115/230Vac single phase standard $\pm 10\%$
maximum output power	<b>50KW (100 kV - 500mA - 100mS)</b>
frequency	40 kHz Fixed
kV range	40 ÷ 125kV (130 kV OPT) in step of 1kV
mA range	50-800 mA associated automatically to kV
mAs range	0.2 ÷ 320
operating methods	2/3 points technique
exp. Time range	1 ms ÷ 6.3 sec in reason of mAs set

# XJET® CONCEPT

This X-ray equipment product line is perfectly suited to high-quality radiographs. Our systems are the most appropriate answer to the various questions in the X-ray field.

*Esta línea de productos se adapta perfectamente a las radiografías de alta calidad. Nuestros sistemas cumplen adecuadamente con los requisitos en el campo de la radiología.*



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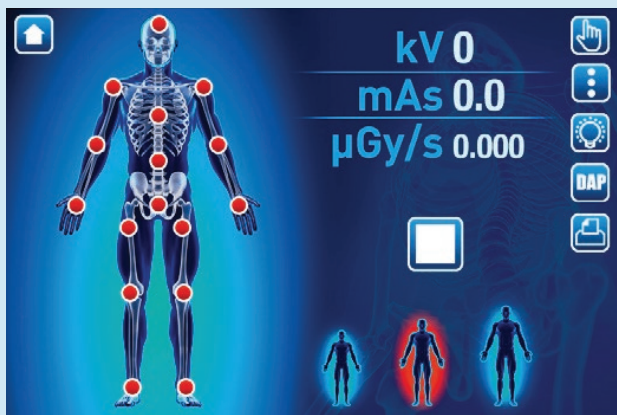
All configurations can  
be motorized

*Todas las configuraciones  
pueden motorizarse*

 MediSono

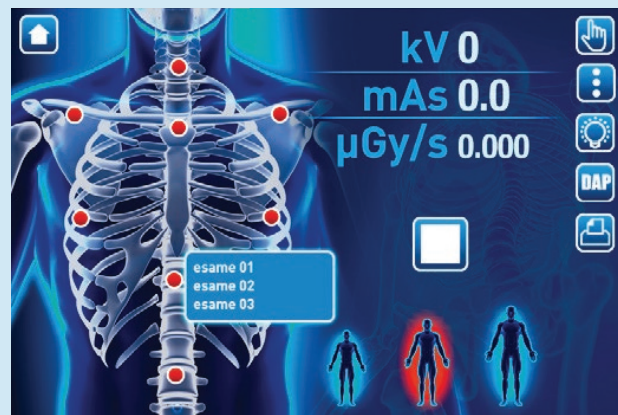






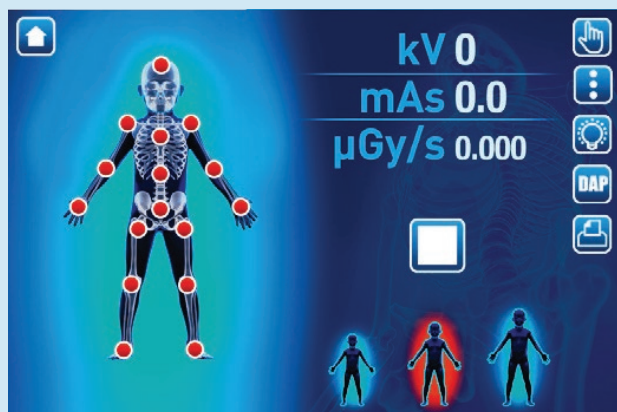
Colour Touch screen 9", control technology with various languages.

*Pantalla táctil a color de 9" con varios idiomas.*



Dynamic anatomic configuration, with thousands possible combinations.

*Configuración anatómica dinámica con miles de combinaciones posibles.*

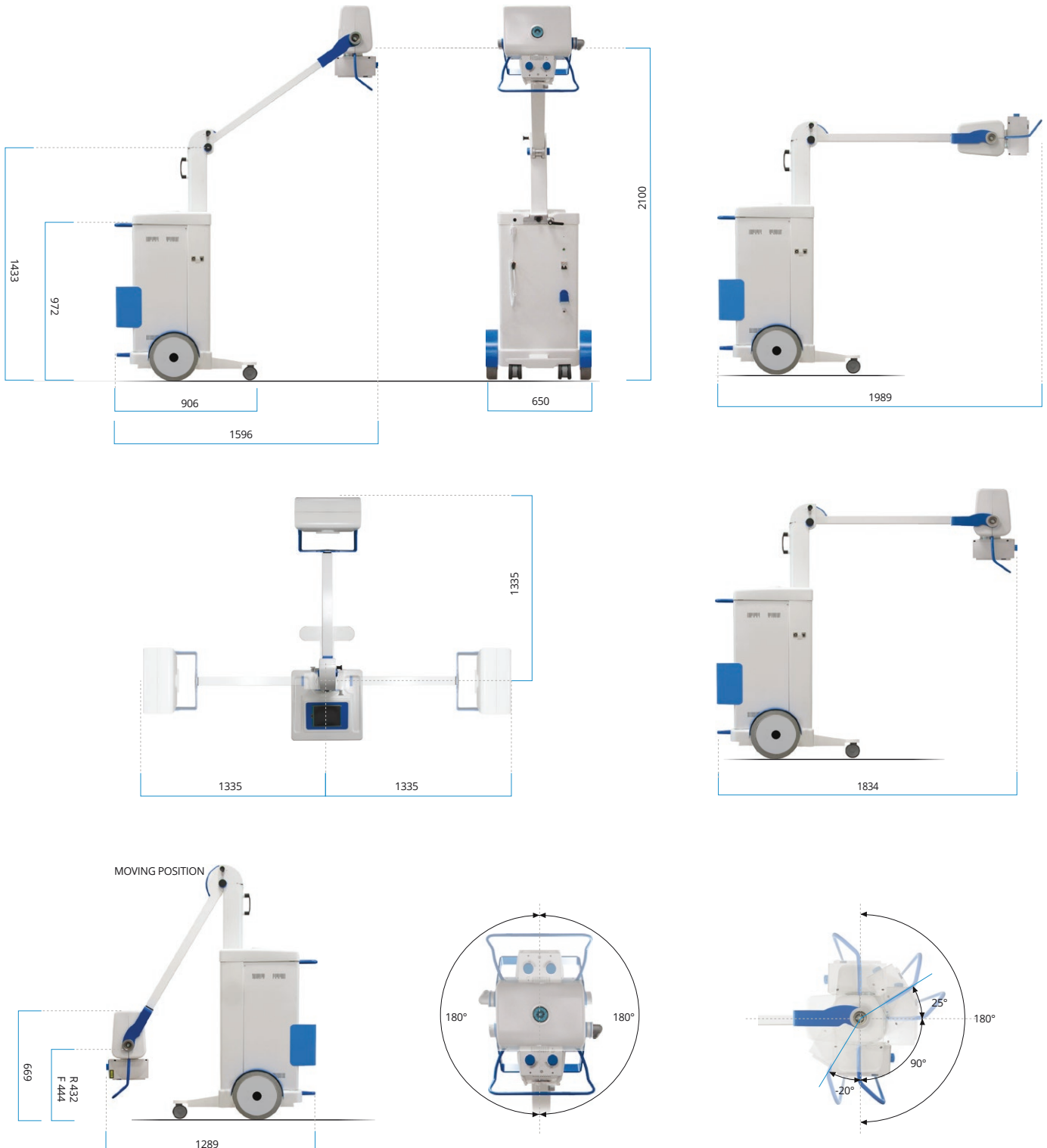


Supported two and three point radiological parameters. DAP Predisposition.

*Soporta parámetros radiológicos con tecnología de 2 y 3 puntos predisposición DAP.*

# XJET® CONCEPT

## MECHANICAL SIZES - *DIMENSIONES MECÁNICAS*



Weight range: 250 kg ÷ 285 kg - *Rango de peso: 250 kg ÷ 285 kg*



### Monobloc type Tube:

Fixed and rotating anode

Fixed anode 4-6-8-KW

Rotating anode 16-32-40-50KW



### Constant monitoring of the monobloc temperature

Fixed and rotating anode

Fixed anode 4-6-8-KW

Rotating anode 16-32-40-50KW



### High frequency Generator

40kHz



### Wi-Fi connection

digital panel



### Ergonomic mechanics



### USB connection upgrade

SW & FW



### OPTIONAL

Full DICOM compliance

CD/DVD (only for digital)

DAP (dosimeter)



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