



DIGITAL RADIOGRAPHY

Human

PXM-20 BT Plus / PXM-40 BT Plus

The world's only hybrid powered portable X-ray

- Hybrid: Device can be operated by internal battery or by external power supply
- Great advantage for outdoor radiography
- Innovative approach by high performance lithium-ion polymer battery
- Max. 400 exposures by just one charging
- Clean diagnostic images by high frequency technology
- Strong body against external shock and contamination
- Exclusive remote controller using by hand switch
- Wireless synchronization (optional)



Hybrid
powered

with
LED
Light

Model	PXM-20BT Plus	PXM-40BT Plus
Output		
Tube Vol./Current	100 kV / 20 mA	100 kV / 35 mA
Voltage range	40 - 100 kV in 1 kV steps	40 - 100 kV in 1 kV steps
mAs Range	0,4 mAs - 100 mAs 32 steps	0,4 mAs - 100 mAs 35 steps
Max. output	1,6 kW at 80 kV	2,4 kW at 80 kV
X-ray Tube		
Application	Toshiba D - 124	Toshiba D - 124
Focal Spot	1,2 mm	1,2 mm
Collimator		
Max. Light field: 35 cm x 35 cm @ 65 cm SID		
Lamp	LED	LED
Auto Timer	30 sec.	30 sec.
Features		
7 - segment LED read out reversible, Hand switch remote control function		
PROM Memory	15 APR	21 APR
Weight	11,2 kg	14,2 kg
Dimensions	225 x 170 x 340 mm	250 x 214 x 349mm

PXMS-1800 Mobile Stand



- Mobile stand for portable X-ray units
- Height-adjustable arm from the bottom to max. height of 180 cm
- Easy to dis/assemble for transportation by car

PXP-20 HF Plus

Light weight portable X-ray
with high power



- Light weight, compact size and durable cover
- High frequency technology enables clean diagnostic images
- Equipped with remote control functions by hand switch
- Stable X-ray output with lowest ripple
- User - friendly handle bar for outdoor usage
- LED display for set up of kV and mAs
- Constant X-ray output without influence of line power fluctuation
- Strong body against external shock and contamination

PXP-40 HF / PXP-60 HF

High performance
compact portable X-ray



- Universal units with high power for various radiography applications
- Light weight and compact size
- LED display for set up of kV and mAs
- 8 pre-set technique slots (PROM memory)
- Exclusive remote control functions by hand switch

Model	PXP - 20 HF Plus	PXP - 40 HF	PXP - 60 HF
Output			
Tube Vol./Current	100 kV / 20 mA	100 kV / 35 mA	100 kV / 60 mA
Voltage range	40 - 100 kV in 1 kV steps	40 - 100 kV in 1 kV steps	40 - 100 kV in 1 kV steps
mAs Range	0,3 - 50 mAs 22 steps	0,4 mAs - 100 mAs 25 steps	0,4 mAs - 100 mAs 25 steps
Max. output	1,6 kW at 80 kV	2,4 kW at 80 kV	3,2 kW at 80 kV
X-ray Tube			
Application	Toshiba D - 124	Toshiba D - 124	Toshiba D - 205B
Focal Spot	1,2 mm	1,2 mm	2,0 mm
Collimator			
Min. Light field: 5 cm x 5 cm @ 1 m SID		Max. Light field: 35 cm x 35 cm @ 65 cm SID	
Lamp	50W Halogen	50W Halogen	150W Halogen
Auto Timer	30 sec.	30 sec.	30 sec.
Features			
7 - segment LED read out reversible, Hand switch remote control function			
PROM Memory	4 APR	8 APR	8 APR
Weight	9,8 kg	12,8 kg	14,6 kg
Dimensions	220 x 200 x 352 mm	250 x 195 x 355 mm	250 x 195 x 355 mm

PXP-100 CA

Most powerful compact portable X-ray



- 5 kW, 110 kV / 100 mA
- High-performance capacitor for stable and reliable power supply
- Equipped with remote control functions by hand switch
- LED display for set up of kV and mAs
- Constant X-ray output without influence of line power fluctuation
- 750 pre-set technique slots (PROM memory)
- Automatic line voltage compensation



mex+ 1012WCA

Wireless and portable DR flat panel



PXMS-2010 MOBILE STAND



- Mobile stand for PXP-100CA
- Easy handling by gas spring technology
- Folding and easy to transport
- Max. height of 210 cm

Model	PXP - 100 CA
Output	
Tube Vol. / Current	110 kV / 100 mA
Voltage range	40 - 110 kV in 1 kV steps
mAs Range	0,1 mAs 40 steps
Max. output	0,5 kW at 75 kV
X-ray Tube	
Application	CEI 110 - 15
Focal Spot	1,8 mm
Collimator	
Min. Light field: 5 cm x 5 cm @ 1 m SID	
Max. Light field: 35 cm x 35 cm @ 65 cm SID	
Lamp	40W Halogen
Auto Timer	30 sec.
Features	
7 - segment LED read out reversible, Hand switch remote control function	
PROM Memory	750 APR
Weight	19,6 kg
Dimensions	254 x 225 x 423 mm

- Wireless flat panel detector with high performance Li-Ion battery
- Excellent image quality due to Amorphous Silicon with CsI-Scintillator (Resolution 5 Megapixel)
- Only 3,6 kg for convenient and flexible use
- Great advantages for outdoor radiography and mobile applications
- Exchangeable positions of handle bar

1012 WCA	Specifications
Sensor Type	Amorphous Silicon with TFT (Single Panel)
X - ray Converter	CsI:TI
Total Pixel Number	2080 x 2560 pixels
Active Pixel Area	25,9 cm x 32,0 cm
Pixel Pitch	127 µm
Limiting Resolution	3,9 lp / mm
A / D Conversion	16 bits
Image Acquisition Time	7 sec.
Size	395 x 337 x 18 mm (not incl. handle)
Weight	Typ. 3,6 kg (incl. battery & incl. handle)
Battery Type	Lithium ion battery
Running time	up to 3 hours with one Battery
Including	2 Batteries

Mobile use with robust trolley carrying case



mex+ 1417 PGA

mex+ 1417 WGA

The most universal digital image processing unit



- Ultra-thin (15,9mm) DR flat panel detector with Automatic Exposure Detection
- Available as wired 1417PGA and wireless 1417WGA version, with Gadox or Csl scintillator
- No interface work needed, easy integration with any X-ray system
- Superb-crystal image resolution and fast acquisition time within 7 sec.
- Universal system suitable as stationary and mobile solution
- Large imaging area (36cm x 43cm) for all general radiographic exams
- Removable handle for flexible use

Mobile solutions with trolley carrying cases



mex+1417 PGA / WGA as table solution



1417 PGA / WGA	Specifications
Data Interface	wired or wireless
Sensor Type	Amorphous Silicon With TFT
X-ray Converter	Gadox Gd ₂ O ₂ S:Td or Csl: Ti
Dimensions	460 x 417 x 15,9 mm
Active Pixel Array	358 x 423 mm
Weight	3,6 kg (with handle bar)
Pixel Pitch	127 µm
A/D Conversion	14 bit
Pixel Matrix	3268 x 2756
Resolution lp/mm	3,9

mex+ Image Acquisition Software

- Simple and perfect images at all time
- Integrated automatic image optimization
- Touchscreen function for easy operating
- Fully integrated radiographic positioning guide
- Bones and soft tissue in one image
- Including Patient CD and DICOM Send function
- Adaption of almost every language possible
- Modern graphical user interface
- Safe and fast registration of emergency patients
- Entry of recurring examination procedures as macros



mex+ 1717 SGC

mex+ 1717 SCC

Digital retrofit panel for stationary X-Ray

AED

Automatic
Exposure
Detection



- Ultra-flat (15,5mm) DR detector with same size as film cassette or CR Image Plate
- No interface work needed, due to Automatic Exposure Detection
- Available with Gadox or CsI scintillator
- Easy upgrade to DR without any change in conventional X-ray systems
- Highest image resolution by decreased radiation dose
- Large imaging area (43cmx43cm) allows examine of several body parts in one shot
- Low weight and quick image acquisition time

1717 SGC / SCC	Specifications
Sensor Type	Amorphous Silicon With TFT
X-ray Converter	Gadox $Gd_2O_2S:Td$ or CsI: Ti
Dimension	460x460x15,5mm
Active Pixel Area	42,3 x 42,3 cm
Weight	4,4kg
Pixel Pitch	127 μm
Limiting Resolution	3,9lp/mm
A/D Conversion	14 bit
Pixel Number	3328x3328
Energy Range	40 - 150 kV

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*All specifications are subject to change without notice.