

REMEDI

REMEX-KA6

M E D I C A L I M A G E S O L U T I O N

MEDICAL PORTABLE X-RAY CAMERA
IMAGE SOLUTION

2020

REMEDI

REMEX-KA6

HANDHELD X-RAY CAMERA with EXCLUSIVELY DESIGNED ACCESSORIES

Superior Image Quality with
Low Radiation Exposure

NEW 2020



Smart & Versatile
Medical Portable X-ray System
with Specialized App

REMEX-KA6

CE
0068

REVOLUTION IN
MEDICAL DEVICES

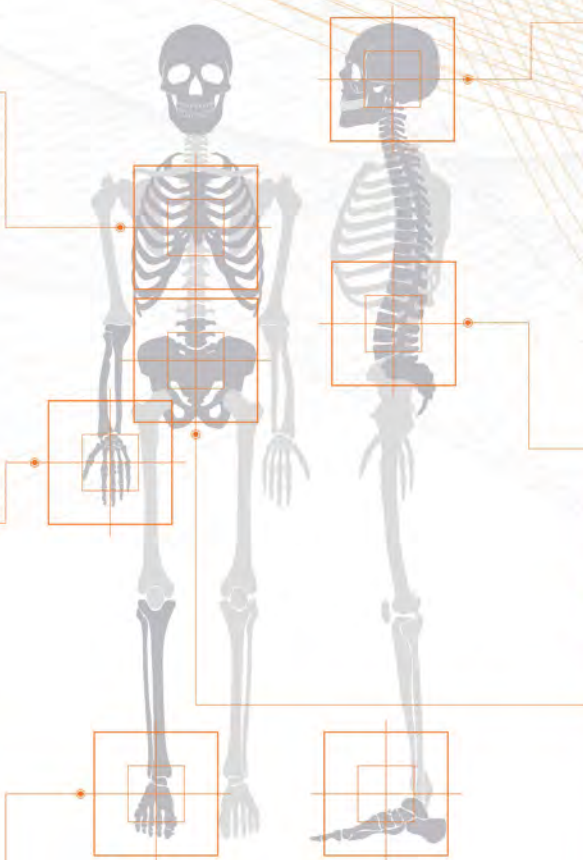
REMEX Main Features

Intended Use

Chest



Extremities



REMEX Image Gallery

Head



Abdomen



REMEX Field of Use

Application field



Emergency room



Medical Checkup
General Examination Room



Nursing Home



NICU
Neonatal Intensive Care Unit



Orthopedics
Outpatient Clinic



Operating Room



Respiratory
Medicine
Outpatient Clinic



ICU
Intensive Care Unit



NPIR
Negative Pressure Isolation Room

REMEX-K46 Main Features

REMEX Place of use | Target of use

Anytime, Anywhere, Fast X-ray Image Solution

- **Portability** : It can be used anywhere.
- **Quick Access** : It is designed specifically for use when it is not safe or practical to move a patient from his or her bed or when X-ray image for quick diagnosis is needed urgently.

REMEX Usage Environment

Bed/Mobile
Radiography Systems



Emergency room

Shooting in bed

Emergency Room
Hospital Room



Handheld Radiography Systems

REMEX Usage Environment

Fixed Radiography Systems



**General Examination
Respiratory
Triage**

**Chest/Hand &
Foot Image Solution**

Pediatric
Plastic Surgery
Family Medicine



REMEX Usage Environment

KIOSK Shield



COVID-19

**Selective Care Center
Respiratory**

Thoracic Imaging

Orthopedics
Rehabilitation Medicine
Spine Hospital

**Orthopedics
Outpatient Clinic**

REMEX Usage Environment



REMEX

REMEX Main Features

Product Advantages

-  **Low Dose**
-  **Light Weight**
-  **High Resolution**
-  **Bluetooth**



REMEX Main Features

- **Expanded Clinical Coverage**
 - All parts of human body including adult chest, pelvis, abdomen, hands, feet and oral parts
 - Set up time under 1 minute.
- **Minimized Radiation Exposure /Reduced Time**
 - Reduced radiation exposure time with low dose product design and mechanism minimized radiation exposure for users and patients
 - Image acquisition under 3 seconds.
- **Patented Adjustable active area collimator**
 - Patented Collimator reduces leakage and scatter radiation
- **Superior Quality X-ray Image**
 - 70kV: Improved image penetration
>Improved bone identification
 - 6mA: Reduced required irradiation time
>Reduced motion blurring
 - 0.4mm Focal Spot>High resolution
- **LED and Laser Guided Beam Function**
 - Helps users to pinpoint accurate exposure area

REMEX Main Features

REMEX Application

Tablet/Mobile Application

Bluetooth Connectivity with tablet and mobile phone
Wireless X-ray exposure switch adjustable seconds, kV, mA



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REMEX-KA6

70kV

- Improved image penetration
- > Improved bone identification

6mA

- Reduced required irradiation time
- > Reduced motion blurring

0.4mm

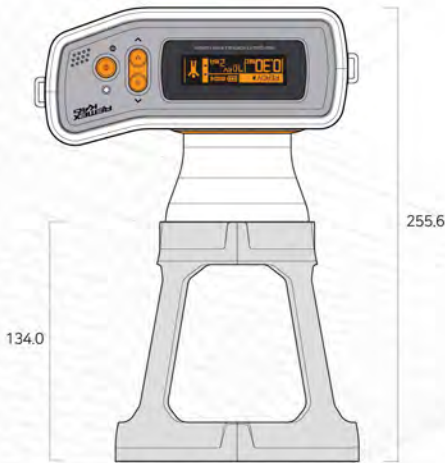
- Focal Spot
- > High resolution

REMEX-K46 Main Features

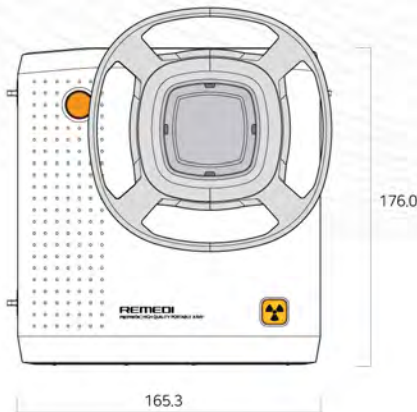
- REMEX Specification
- REMEX Extra Features

Dimension

Top View



Front View



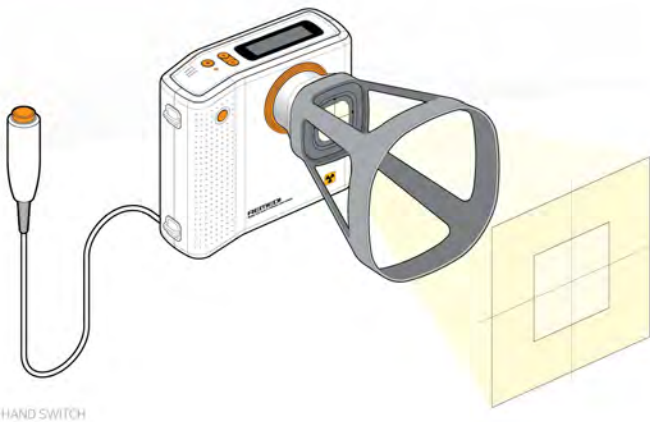
Direct Shoot

Using hand strap for direct shoot



Remote Switch

Using exposure hand switch and foot switch



REMEX Specification

Specification of Device

Contents	Values
Tube kV/mA	40~70kV / 2~6mA
Exposure time	0.06 ~ 2.0sec
Focal Spot	0.4mm
Output Power	420W
Size	165.3 x 176.0 x 255.6mm
Weight	2.4kg
Battery	DC 22.2V, 1,800mAh

REMEX Extra Features

Bluetooth Connection OPTION

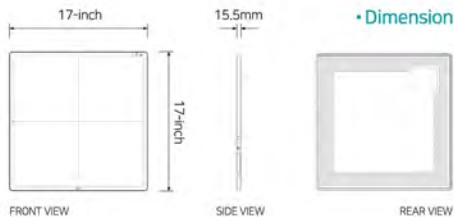


Smart & Versatile
Medical Portable X-ray System
with Specialized App



Portable X-Ray Digital Camera REMEX KA6 + Digital X-Ray Detector 17HK700G-W [Wired] 17HK701G-W [Wired / Wireless]

- Superior Image Quality for Reliable Diagnosis
Highly Sensitive Csl AED Detector with 16bit AD Conversion (Data Input & Output)
- Light and Durable Magnesium & Carbon-fiber Body
IP41: Water Resistant & Dustproof
- Solids Level 4 | Protected against objects of size 1mm or larger
- Liquids Level 1 | Protected against dripping liquids, such as blood and bodily fluids
- Rapid Image Availability Increases Productivity
3sec. (Wired)/ 6sec. (Wireless, 802.11 ac)



Specification of Device

Model Name		17HK700G-W(Wired)	17HK700G-W(Wired)
External Dimension / Weight		17 x 17 inch / 3.2kg, 7lb	17 x 17 inch / 3.4kg, 7.5lb (lcl. Battery)
Intended Use		General Radiography	General Radiography
TFT Type		A-si	A-si
Scintillator		Csl	Csl
Pixel Size		140µm	140µm
Image Area	X-ray Sensitive Pixel	3072 x 3072 pixels	3072 x 3072 pixels
	X-ray Sensitive Area	430.08 x 430.08 mm	430.08 x 430.08 mm
MTF	MTF @ 0.5lp/mm	(Typ.) 89%	(Typ.) 89%
DQE	DQE @ 0.1lp/mm	(Typ.) 72%	(Typ.) 72%
A/D Conversion		16bit	16bit
Data Output		16bit	16bit
Communication	Type	Wired	Wired
	Wireless	—	IEEE802.11a/b/g/n/ac, 2.4GHz / 5GHz
	AED (Auto Exposure Detection)	Support	Support
Cycle Time		8sec.	8sec. (Wired) / 11sec. (Wireless)
Full Image		3sec.	3sec. (Wired) / 6sec. (Wireless)
Durability	Maximum Load Weight	Full (Uniform Load) : 150kg, 331lb Local (Point Load) : 100kg, 220lb	
	Resistance Rating	IP41	IP41
	Sensor Protection Plate	Carbon Fiber Plate	Carbon Fiber Plate
Battery	Operating Time	—	(Typ.) 240 shots / 6.0hrs. (Condition : Interval Time 90sec.)
	Duration in Standby Status	—	(Typ.) 13hrs.
	Charging Time	—	3hrs.



REMEDI

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REMEDI

REMEX-KA6

A C C E S S O R I E S

EXCLUSIVELY DESIGNED ACCESSORIES
for REMEX-KA6

2020

REMEX Exclusive Accessory

Exclusive Design Features

01 Free Style
HANDHELD X-RAY CAMERA
and DETECTOR

Portable Radiography Systems



Smart & Versatile
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with Specialized App

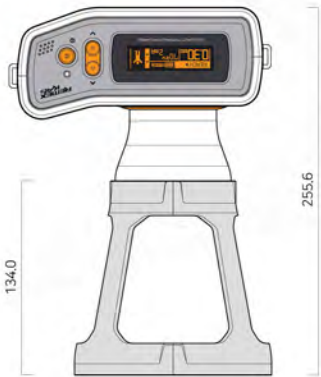
REMEX Field of Use / Part of Use

Application field

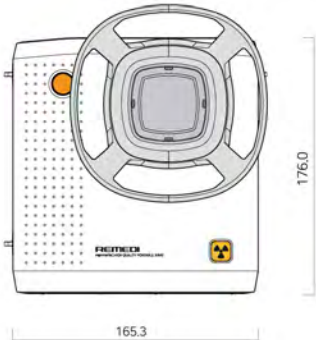


Handheld X-ray Camera

Dimension



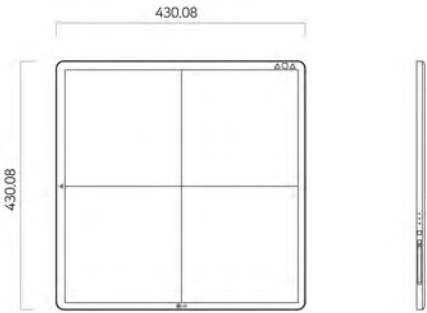
TOP VIEW



FRONT VIEW

Digital X-ray Detector

Dimension



FRONT VIEW

SIDE VIEW

REMEX Exclusive Accessory

Exclusive Design Features

02

Bed Type

AUTOMATIC HEIGHT CONTROL CART

Bed/Mobile Radiography Systems



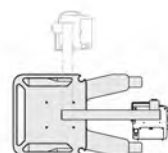
REMEX Field of Use / Part of Use

Application field



Bed/Mobile Radiography Systems

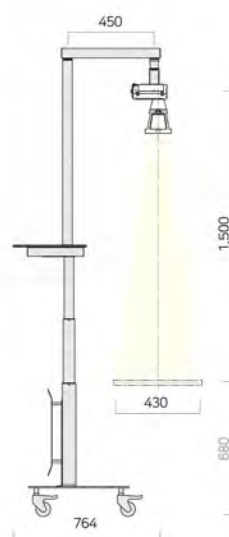
Dimension



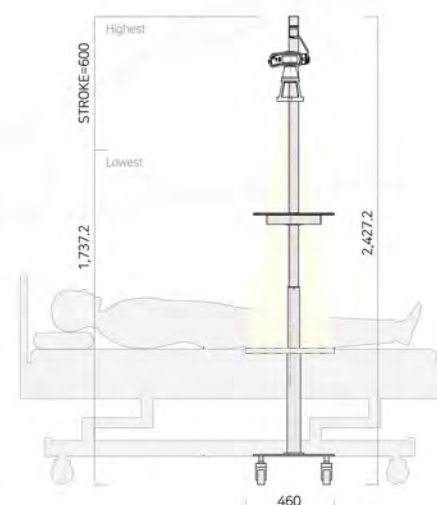
TOP VIEW



Highest Position

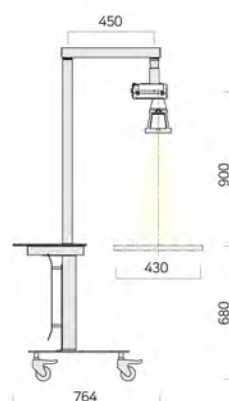


FRONT VIEW

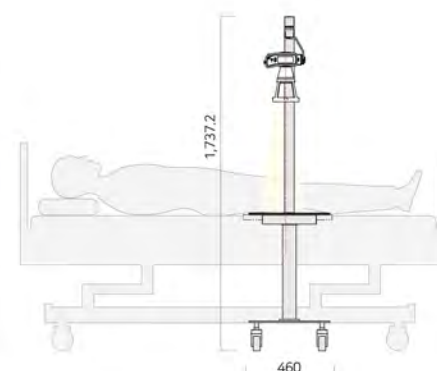


SIDE VIEW

Lowest Position



FRONT VIEW



SIDE VIEW

REMEX-M1000

Smart & Versatile
Medical Portable X-ray System
with Specialized App

REMEX Exclusive Accessory

Exclusive Design Features

03 Stand Type

MANUAL
HEIGHT CONTROL
STAND

Stand Radiography Systems



REMEX-P1000

Smart & Versatile
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with Specialized App

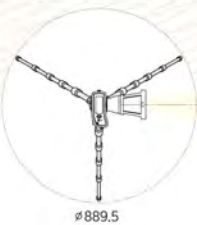
REMEX Field of Use / Part of Use

Application field



Bed/Mobile Radiography Systems

Dimension

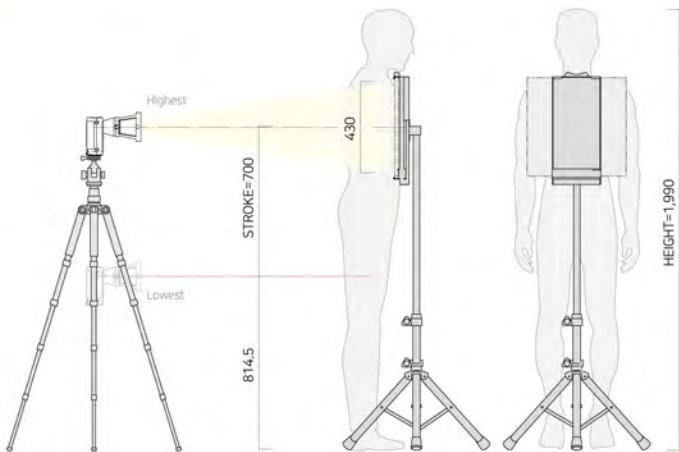


TOP VIEW



TOP VIEW

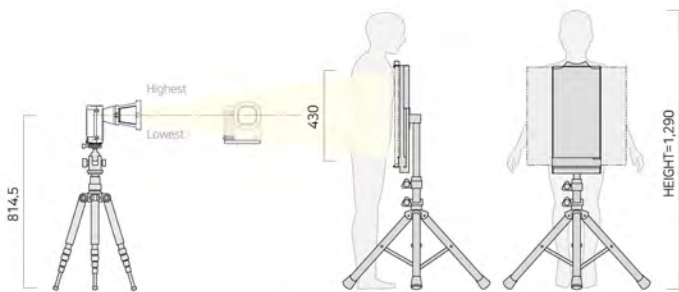
Highest Position



FRONT VIEW

SIDE VIEW

Lowest Position



FRONT VIEW

SIDE VIEW

REMEX Exclusive Accessory

Exclusive Accessory

04 Station Type

AUTOMATIC
HEIGHT CONTROL
FIXED SYSTEM

Fixed Radiography System



REMEX-Fx1000

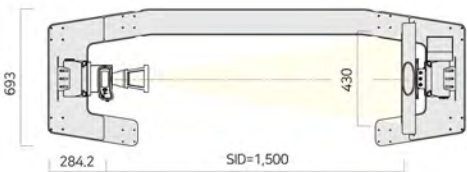
REMEX Field of Use / Part of Use

Application field

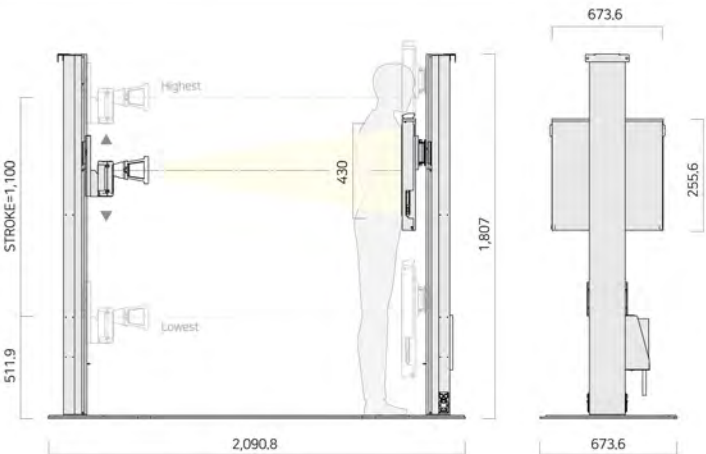


Fixed Radiography System

Dimension



TOP VIEW



FRONT VIEW

SIDE VIEW

REMEX-Fx1000

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REMEX Exclusive Accessory

Exclusive Design Features

05 Kiosk Type

SHIELDED KIOSK BOOTH with
QUICK EASY ASSEMBLY

Portable Radiography Systems



X-ray shield



UV Disinfection



Camera Installed



Movable



REMEX-K5100

REMEX Field of Use / Part of Use

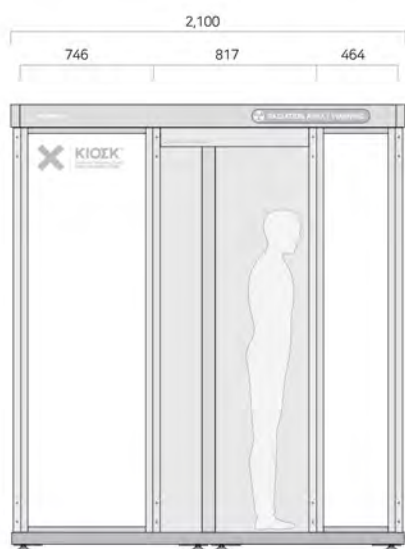
Application field



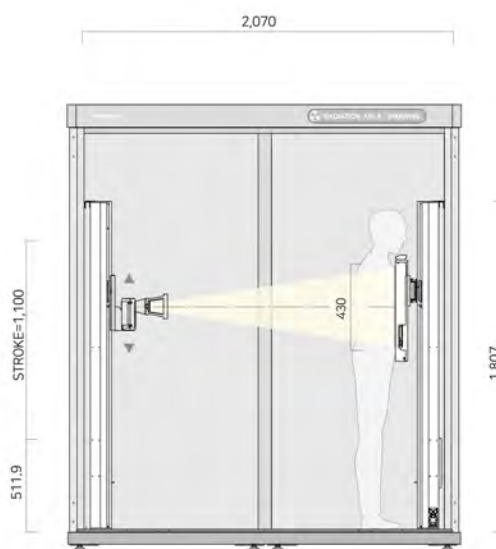
COVID-19

Fixed Radiography System

Dimension



FRONT VIEW



SECTION VIEW



SIDE VIEW

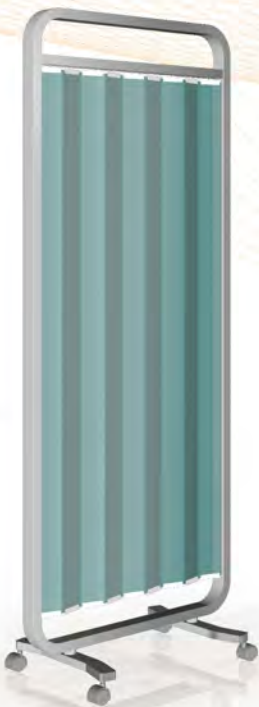
Smart & Versatile
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REMEX Exclusive Accessory

Exclusive Design Features

06 Shield Screen
MOVABLE SCREEN with
WHEELS

Movable Radiography Systems



REMEX Exclusive Accessory

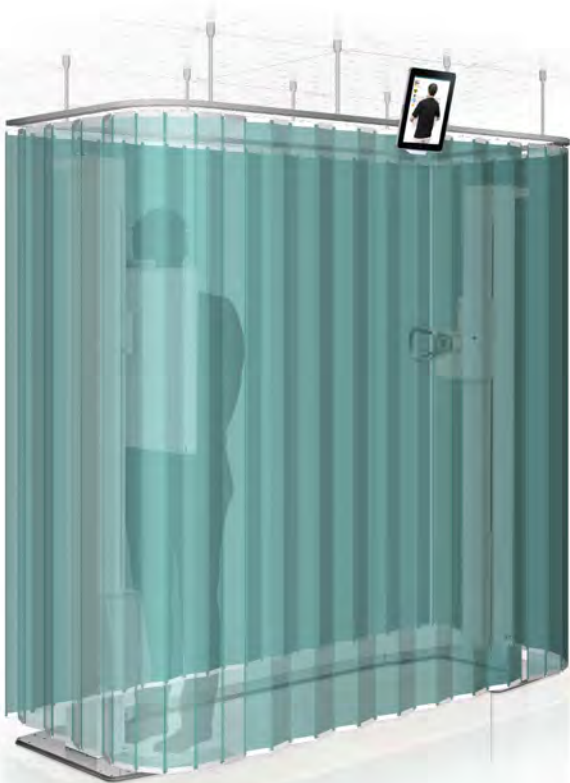
Exclusive Design Features

07 Shield Curtain
SHIELD CURTAIN with
CEILING SUSPENSION

Fixed Radiography Systems



Bluetooth Smart Control



REMEX System Configuration

Provide Optimal Solution for Diverse Patient Needs

- Operable under any circumstances
- Suitable for various environments
- Customizable to the type and size of the hospital

Consult an expert to get recommendations for the most appropriate system.



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