Aktiengesellschaft

WIROMA

The specialist in
radiology and
x-ray protection

A SWISS COMPANY WITH OVER 25 YEARS EXPERIENCE IN X-RAY TECHNOLOGY AND RADIATION PROTECTION

WIROMA

OPTIX UNIVERSAL

X-RAY TRIPOD STATIX

DIGITAL VERSION v2.2

COMPACT DESIGN WITH BRILLIANT IMAGE QUALITY

This universal X-ray tripod from Wiroma is very smooth running, simple to set up and has a high degree of ease of use. The photo spectrum is expanded, thanks to a special cross-arm. This tripod's track system is unsurpassed in the vertically. The central ray is variable and adjustable from just above floor level to the height of 1.65 m. Bucky and tubes are easily rotatable and are fitted with degree marks. StatiX is very stable and can be used by doctors, clinics and hospitals.

GENERATOR
OptiX

Our high-frequency generators *OptiX* are leading in the electronic and converter technology. The newly developed touch-screen is simple to operate and can be adapted to the special requirements of our customers. All versions are compatible and have development capacities – today and in the future!

The X-ray generator can be easily integrated in conventional and digital X-ray systems. *OptiX* can be used for any kind of duty in the X-ray diagnostics.

Choice of HF generator membrane and touchscreen consoles
40HF – 50HF – 60HF – 80HF

Investment in the future

Highly developed electronics complement the most up-to-date converter technology:

- Multi-microprocessor technology
- Programmable exposure technique
- Modular construction
- Data interface RS232C
- 100 kHz pulsation
- Automatic power supply compensation

User friendly operation

More than 100 pre-programmed organ parameters for great image quality at low dose, without any retake, save time and reduce the number of repeated exposures.

- 0-point mode: organ selection with or without falling load.
- 1-point mode: Tube voltage can be freely selected, falling load, with automatic exposure control.
- 2-point mode: Tube voltage and mAs product can be freely selected, with or without automatic exposure control.
- 3-point mode: Tube voltage, tube current and switching time can be freely selected, with or without automatic exposure control.

Highly economical

A quality product for the following applications:

- Routine diagnostics
- Analogue and digital *(option)* radiography
- Series exposure technology
- Wall mounting operating console

Optimum construction

Preferred subsystems

- Automatic exposure control (AEC) *(option)*
- Dual high speed starter for X-ray tubes
- Interface for area dosage product measurement system
- Interface for *n*-field measuring AEC chambers
- Remote control for automatic organ selection
- For 6 working places and up to 2 X-ray tubes
- X-ray tube and generator overloading protections
- Operating console error messages display
- Pre-set and adjustable organ programs
- Manual or auto selection of AEC and density

Installation and Service

For ease of access and cost effective servicing all components are mounted on printed circuit boards and are housed in an electronics cabinet.

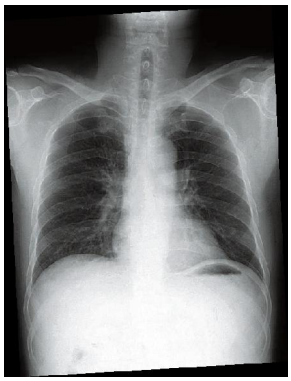
Compatibility for better image

Digital Radiography (DR)

StatiX is a versatile upgradable system.

The *DigiX* packages with wired, wireless or fixed flat panel detectors allows the up-to-date solutions in tele-diagnosis and archiving.

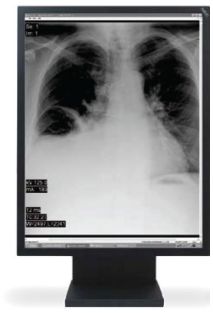
For any demand fulfilling the customized solutions are available.



CONSOLE

Main console (acquisition and processing)

hardware & software



- *15" TFT touch screen interface console* TFT color-display with 16.19 million colors;
- *Main controller Workstation* (Master computer of the diagnostic system, interface & controls of: table, x-ray generator, ion chamber, grid, DAM, PID; PC architecture, interface DICOM 3.0)
- *22" Diagnostic findings monitor* TFT Screen size: 21,3" (54 cm); picture reproduction: upright- and landscape format; pedestal: height-adjustable and demountable)
- acquisition software package (image preview and optimisation, data transfer and archiving functions customized)
- *optional* available post processing medical imaging software package (data management functions, data pool administration, image viewing and optimisation, data transfer and archiving functions customized); up to 10 multi-station installation *(option)*

Networking
Available DICOM classes

including interface and software for: *Storage-*, *Print-*, *Worklist-* (incl. MPPS), *Query-*, *Media-* ;

Archiving

Load archiving on removable media (CDRom /DVD, Dicom or Raw format)

Remote archiving in mass storage device *(PACS)*

Optional

Secondary workstation for viewing and archiving; composed of:

- *Main controller Workstation* PC architecture, Windows OS; keyboard / mouse
- up to two *19" Diagnostic findings monitor* TFT Screen size
- postprocessing software

ACCESORIES
optional

FOA100 - intercom

FEB600 - patient step

FAB600 - tabletop mattress

PCL800 - support for portable detectors

PMT100/101 – mobile patient table

PMT600/601 – mobile patient table with elevation

ICB 200 – dedicated Ion chamber (for Bucky device)

FDC900 - compression belt

TAC001 - patient handlers

QE – electric power box

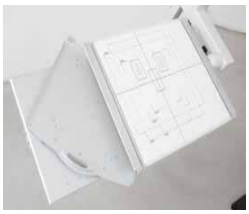
Lead glass up to 2.1 mm Pb equiv., w/wout frame, various sizes (from 50x50 cm up to 100x80 cm)

Dry film imager

Patient step
(optional)

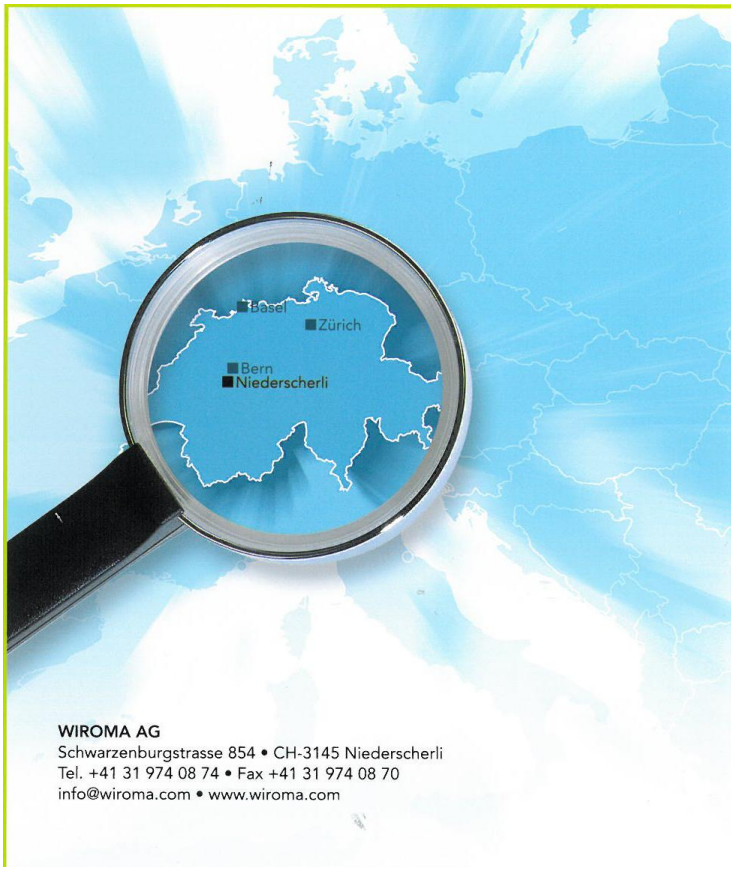
Support for portable
35x43 cm detector *(optional)*

- with rotatable detector mount
- with special removable grid
- including handle



Mobile patient table with elevation
(optional)

Dry film imager
(optional)



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ISO 9001 SGS ISO 13485 SGS CE 0120