



- ✓ minimal time of installation
- ✓ build in generator
- ✓ ultracompact design
- ✓ flexible position

Digirad Compact 1

Flatpanelsolution



↳ simply direct

The Digirad Compact 1 system with flatpanel detector is a direct digital X-Ray system with high frequency generator built into the column of the universal stand. The unit is composed as ready-for-use system thus allowing a very easy and fast installation. The special construction and design of the universal stand facilitates maximum space efficiency with its minimal height of the column.

The Digirad Compact 1 Flatpanelsolution allows for optimal convenience for all kinds of X-Ray examinations. The very special design of the universal stand also guarantees besides the appealing aesthetics a maximum flexibility in the image taking procedure. Exposures of standing, sitting and lying patients (including lateral images) can be done easily.

UNIVERSAL STAND

Height adjustment

42-157 cm (central beam from the floor)
electromagnetic brakes

FFD

120-200 cm

Cross arm rotation

rotates +135° / -30°, electromagnetic brakes

X-ray tube rotation

+/- 90°, mechanical brakes

DR-Bucky unit

for flatpanel detector Digirad DR 750, removable moving grid for images of the extremities

Fitting

quick and easy installation on base plate

X-ray generator

50 kW, max. 630 mA, max. 150 kV,
200 kHz, APR and AEC (optional), hand switch

Power supply

3/N/PE, 380V

High voltage cable

pair, flexible, integrated

Tube

VARIAN Rad, 0,6/1,2 mm focal spot, 19 / 50 kW,
max 150 kV (optional different tube available)

Collimator

rotatable, 100 W halogen lamp

Detector

flatpaneldetector Digirad DR 750,
detecting area: 43cm x 43 cm (~17" x 17"),
TFT-amorph Selenium,
resolution: 2480 x 2480 (6,5 mio pixel),
pixel size: 168µm, A/D convert 14 bits,
dynamic range 16,000:1

Grid

moving grid, removable for images of the extremities

Mobile x-ray table

190 x 61 x 71 cm (option: heading sector is able to swing open or swing down)

AEC device

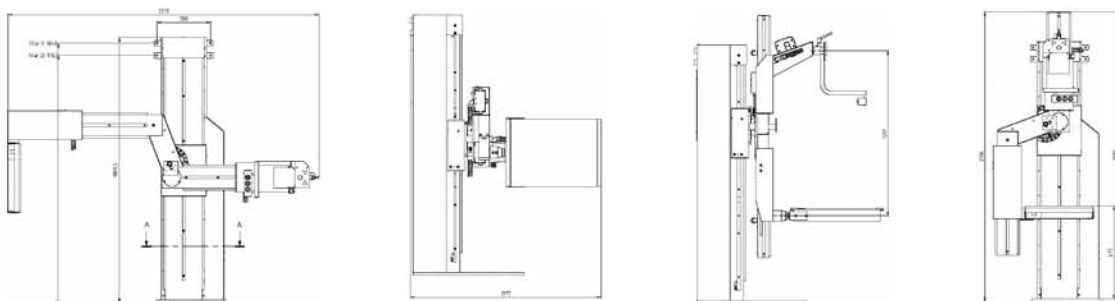
carbon-chamber B3C

Control console

workstation PC with touchscreen monitor,
Digirad control and image processing

DICOM-interfaces

DICOM Worklist and DICOM Store (SCU)



Digirad is a product of



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