New: fully digital R/F system with portable dynamic flat panel detector

Novel multi-functional 3-in-1 system

FLEXAVISION F3 – radiography, fluoroscopy, direct-projections / versatility due to high flexibility / high-resolution images and comprehensive dose management /

Shimadzu, worldwide manufacturer of diagnostic imaging equipment, has released the new fully digital FLEXAVISION F3 with portable dynamic flat panel detector (FPD). It is suitable for fluoroscopic as well as radiographic applications. The FPD has a large field of view measuring 35 x 43 cm and offers a multitude of examinations – from barium enema to gastrointestinal, non-vascular radiological interventions, urograms and other urinary tract contrast media acquisition. General radiographic examinations of the thorax, the pelvic region, the extremities as well as for orthopaedic surgery purposes can easily be performed as well.

Great versatility due to high flexibility

The FLEXAVISION F3 has a compact structure and offers a multitude of R/F applications. Its numerous sophisticated features make the system patient and user-friendly. For example, angles required for cranial and caudal projections can be easily achieved using the oblique projection feature. To support thorax radiography, the X-ray
tube can be extended up to 150 cm or alternatively be rotated by 180° for a projection onto a bucky wall stand.

Due to its flexible configuration options, the digital **FLEXAVISION F3** also meets individual clinical requirements – it can easily be converted from a basic R/F table into a multi-functional R/F examination room.

The portable FPD also supports the flexibility of the system. Depending on the examination, it can be turned from portrait to landscape format in the table. It can easily be taken out of the bucky tray and allows direct projections on and beside the table as well at the bucky wall stand.

**High-resolution images and comprehensive dose management**

Digital imaging improves the representation of small, low-contrast structures and thus deliver brilliant X-ray images onto the monitor, virtually in real-time. They contribute to keeping exposure low for the patients – due to a removable grid, selectable filters for X-ray hardening and various modes for pulsed fluoroscopy, e.g. in paediatric and gynaecological examinations.
Image 2: FLEXAVISION F3 in pediatric application

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