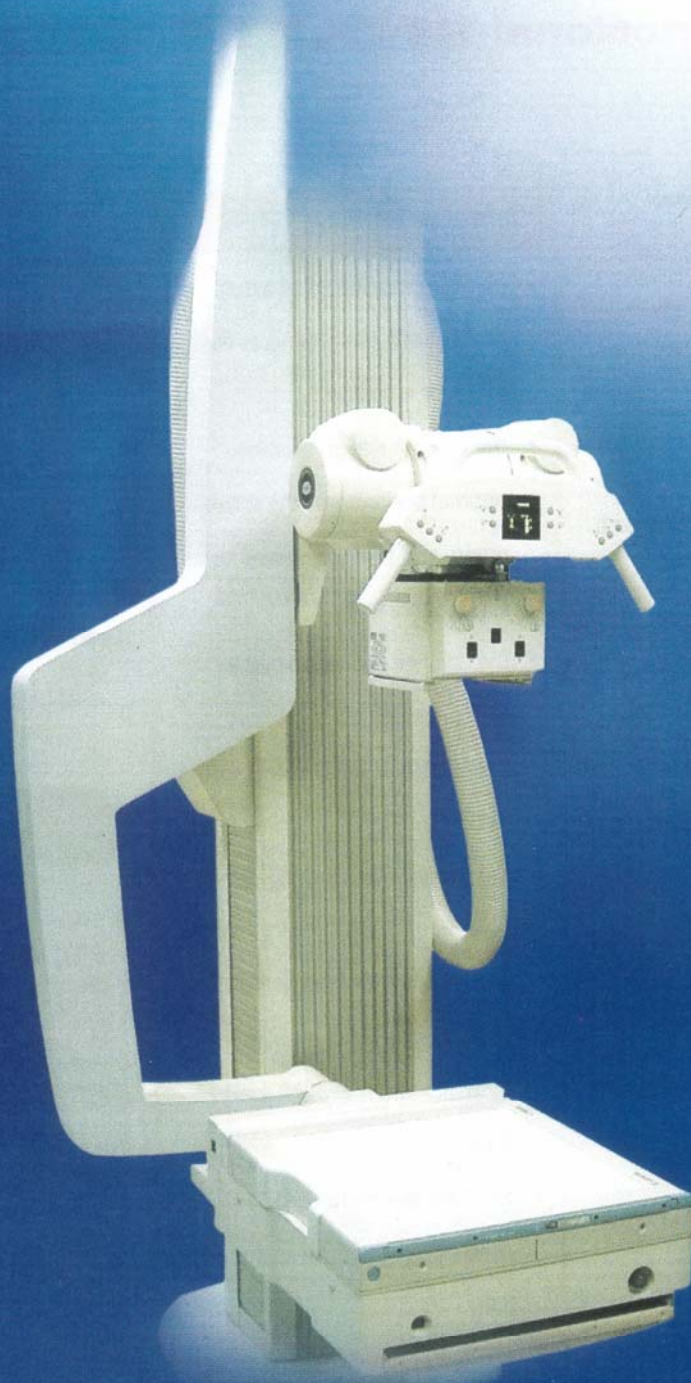
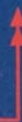


PAUSCH
technologies



SINGLE DETECTOR SYSTEM
Flexibility for your detector



The new dimension for digital detectors

The SINGLE DETECTOR SYSTEM

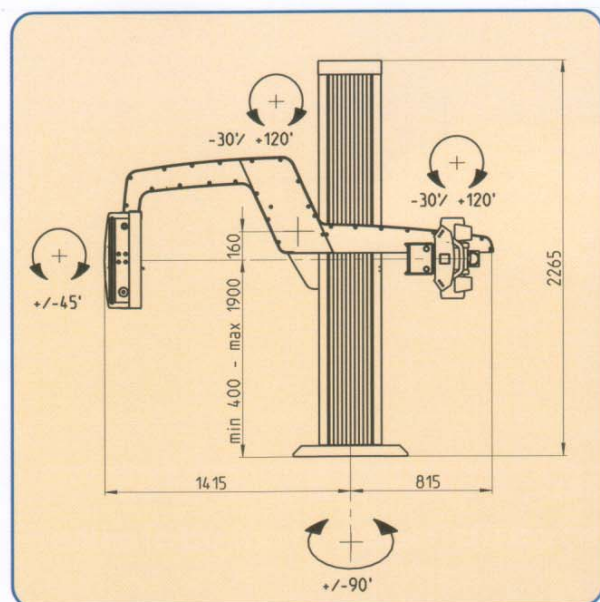
The SINGLE DETECTOR SYSTEM from PAUSCH has a lot of advantages, they:

- save time and film development
- reduce archiving work
- make pictures directly available from networks

A ingenious concept is required to efficiently employ these technological advantages, with which almost all radiographic applications can be realised with only one detector. The multi-functional SINGLE DETECTOR SYSTEM from PAUSCH technologies was developed exactly for this purpose. Self-positioning is possible via motorization of all movements – for optimal workflow.

The PAUSCH technologies concept – accessibility and convenience

When state-of-the-art detectors are to be utilized, the user also expects the most up to date positioning systems. Highest demands are also made on convenience and flexibility. The SINGLE DETECTOR SYSTEM has been designed exactly for this purpose.



SINGLE DETECTOR SYSTEM

- The motorization of all axes enables self-positioning at the touch of a button.
- The column design enables optimal precision of the movements and thereby makes assembly easier.
- The column can be turned by 180° around its vertical axis. This allows optimal access to the patient.
- Patients can not only lie on the radiographic table, but also on a stretcher, bed or sit in a wheelchair, this means increased flexibility and a smooth workflow.
- The CAN Bus technology enables decentralised control and scalability.
- An RS-232 interface serves as a generator interface.

The SINGLE DETECTOR SYSTEM in Facts

Use	digital images of patients in a standing, sitting or lying position
Column	+/-90° rotation for a free working area can be moved in and out smoothly rotational speed 1.5-3 U/min +/-10% vertical travel range 59"
Swivel arm	rotation can be moved in and out smoothly index: -30°, 0°, +90°, +120°
Detector support	rotation +/-45°, integrated storage positions for grids
x-ray Tube	rotation + 135°/- 45°
SID	40"-72", speed: 40mm/sec +/-10%
Generator Interface	RS 232
Control	CAN-Bus-Technologie

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