



The economical solution in mobile X-ray imaging

MULTIMOBIL 2.5, MULTIMOBIL 10

Answers for life.

SIEMENS

MULTIMOBIL 2.5, MULTIMOBIL 10

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Mobile X-ray technology from Siemens – high performance with low dose

Siemens is one of the pioneers in mobile X-ray imaging. Through our continuing search for excellence in this special field of imaging, Siemens sets standards with MULTIMOBIL, a versatile and highly economical mobile X-ray system.

Siemens offers you the choice between MULTIMOBIL 2.5 with a 2.5 kW power generator and MULTIMOBIL 10 with 10 kW.

Unmatched ease of use in mobile imaging

Mobile imaging couldn't be easier: plug MULTIMOBIL into any grounded wall socket, switch it on, and you are ready to start the examination.

Developed with a compact and lightweight design and the counterbalanced swivel-arm

system, MULTIMOBIL improves clinical workflow capabilities and allows for high flexibility in patient positioning – from recumbent, sitting, or in any position in between.

The streamlined, easy-to-use operator console offers fast access to all functions and operating modes. After the individual settings of the kV and mAs have been carried out, MULTIMOBIL calculates the maximum mA and minimum time for shortest possible exposure times, virtually eliminating any motion blurring.

A convenient and safe parking position for the freely rotatable unit's head ensures higher safety, especially when the system is being moved.

Thanks to the platform's short wheelbase with polyurethane tires rolling resistance belongs to the past. The system glides easily on most surfaces.



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All you can expect from a mobile X-ray system

Wide operation range

MULTIMOBIL has set a standard in performing consistently under extreme operating conditions. It delivers constant imaging power even when the power supply voltage falls to 170 V / 180 V or rises to 265 V.

High dose yield and shorter exposure times

The dose yield is over 60 % higher than with conventional 2-pulse generators. With MULTIMOBIL you need extremely lower factors than those required in conventional generators to deliver the same dose. The exposure times are correspondingly reduced by up to 40 % over conventional generators.

Improved image quality

Shorter exposure times reduce kinetic blurring. Pin sharp images are the result. The image quality of moving organs is thus decisively improved.

MULTIMOBIL – the ideal solution

With the self-calibrating, high imaging output, MULTIMOBIL is ideally suited for the most demanding imaging tasks. MULTIMOBIL provides advanced features, thoughtful design, and Siemens' quality.

MULTIMOBIL is ideally suited for instant bedside imaging in the ward, Intensive Care Unit (ICU), Neonatal Intensive Care Unit (NICU) and in the Operating Room (OR).

MULTIMOBIL – a safe investment

- Remarkably sharp image quality
- Short exposure times
- Wide range of clinical applications in mobile X-ray imaging
- Powerful system in a compact and lightweight design
- Excellent handling and easy to maneuver



MULTIMOBIL 2.5, MULTIMOBIL 10

A comparison – high frequency and 2-pulse

What is high frequency technology?

With a conventional 2-pulse X-ray generator, voltages from zero to the nominal voltage are generated. But only voltages higher than approximately 75 % of the nominal voltage value contribute to film blackening.

We refer to this as useful radiation. Lower voltages (less than 75 % of the nominal voltage value) produce soft radiation, which is partly absorbed by the patient's body.

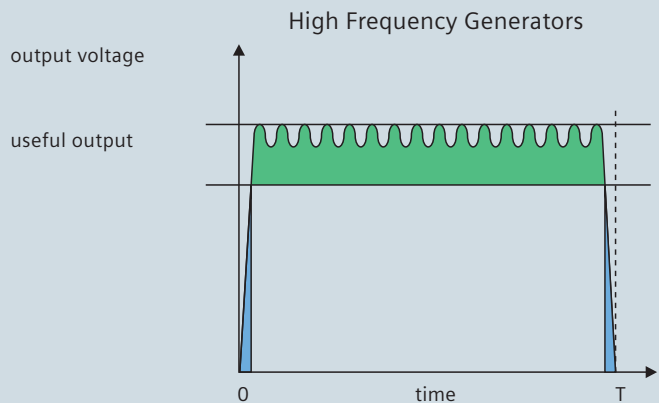
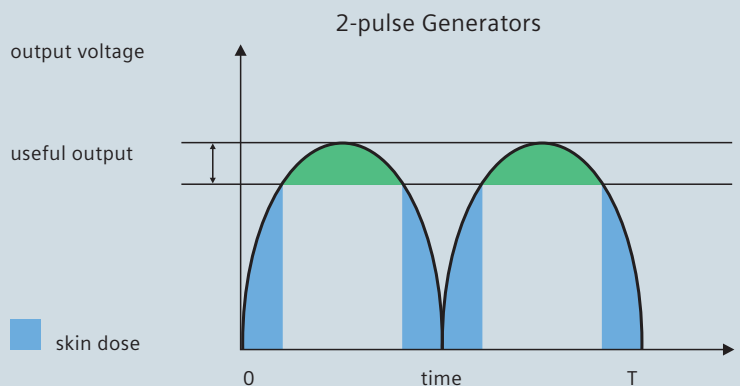
This radiation is the unwanted radiation called skin dose. With its high frequency generator, MULTIMOBIL ensures that only a film-effective dose is produced over the entire duration of the exposure while suppressing the skin dose.

What you set is what you get – highest reproducibility at all times

Yet another technological milestone in the MULTIMOBIL is the microprocessor-based design with the data feedback loop. This ensures output accuracy at every point of time. So the output is exactly equal to your set parameters.

Reproducibility of all exposure parameters by automatic calibration (self-correction) process using the feedback loop results in very high consistency in exposures and image quality.

Efficiency of output



The high frequency wave form is practically constant at the peak value, marking the output as very efficient. The skin dose is smaller and it is safer as compared to a 2-pulse generator.

MULTIMOBIL 2.5 and MULTIMOBIL 10 are not commercially available in the United States (USA) and in the European Economy Area.

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