

# SEIFERT

## ERESCO MF Line

Portable Industrial X-Ray Equipment





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The ERESKO MF line presents portable DC X-ray equipment. Its medium frequency technology and extremely low ripple result in:

- ◆ high penetration output at short exposure times
- ◆ high voltage stability through ultramodern power electronics
- ◆ light-weight components due to compact power electronics and gas insulation



### Special Features:

- ◆ All versions have a sturdy metal-ceramic X-ray tube with small focal spots: direct radiating units with 1.5 IEC 336, panoramic radiating units with 0.3 x 3
- ◆ Power mode starting at 20 kV for efficient work even with low-absorbing materials, e. g. aluminium or composite materials in the aircraft industry.
- ◆ Automatic Mode  
Automatic warm-up program depending on the nonoperative interval through a real time clock. 250 exposure programs can be preprogrammed and stored in a nonvolatile memory.
- ◆ Display:  
High-legibility for-line LCD enables the output of clear-text messages in more than twelve languages.





Field-approved stands and accessories ensure flexibility in exposure positions for:

- ◆ Large-volume containers
- ◆ Large-diameter pipes
- ◆ Overhead pipe support systems
- ◆ Aviation
- ◆ Shipbuilding
- ◆ Steel structures







## Control MF

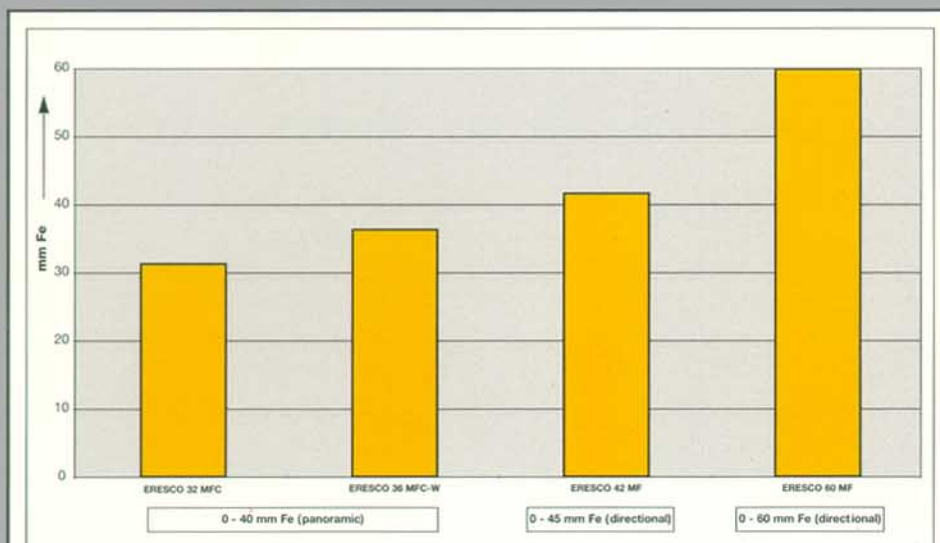
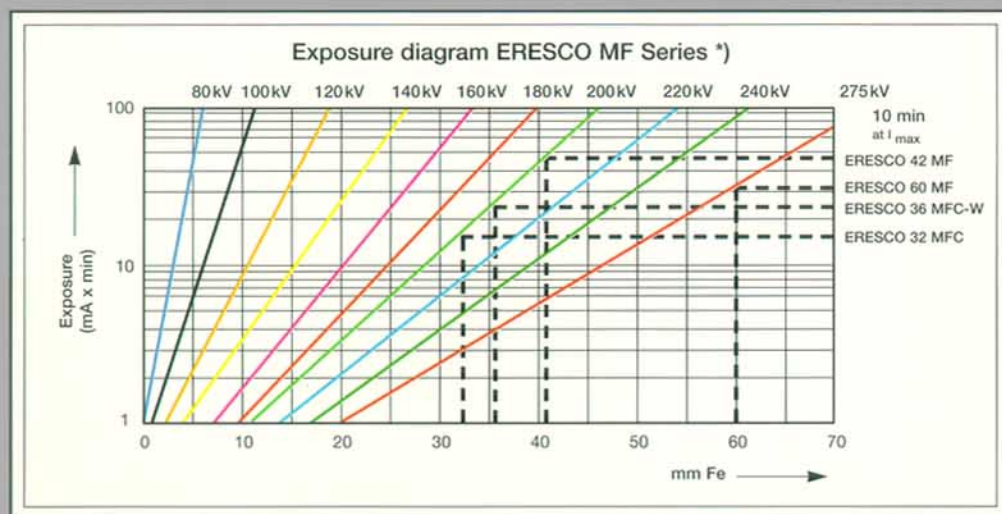
The control MF of the MF equipment line features modern power electronics as a replacement for a conventional regulating transformer; it is microprocessor-controlled and designed in up-to-date SMD technology; the operational status is indicated via four-line liquid-crystal display. The illumination of the display enables an excellent legibility even under difficult light conditions.

The operating parameters of voltage, current, and exposure time can be entered directly via keyboard or retrieved from 250 preprogrammed exposure programs. An integrated real-time clock allows a fully automatic warm-up of the unit relative to the nonoperative interval.

The operating parameters of the last 100 exposures are recorded for service purposes. The equipment contains two safety circuits and one interface. For use on construction sites etc. the option of a lumen-monitored flash lamp is offered.

- ◆ Alphanumeric LCD with background illumination
- ◆ Texts selectable from more than 12 languages
- ◆ The display enables texts even in Cyrillic characters.

## Fe Wall Thicknesses to Be Penetrated in Ten Minutes\*)

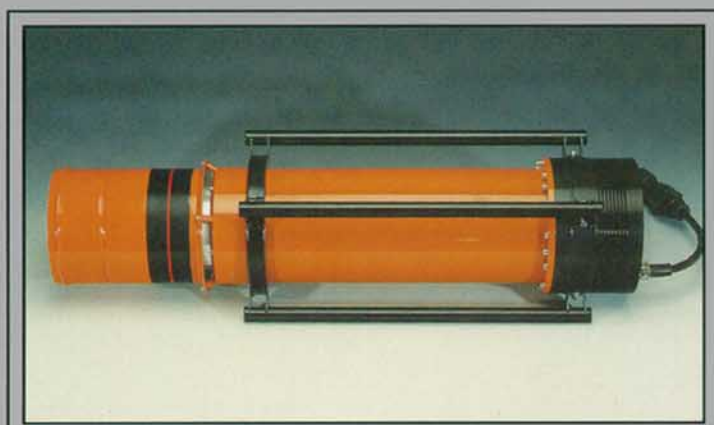
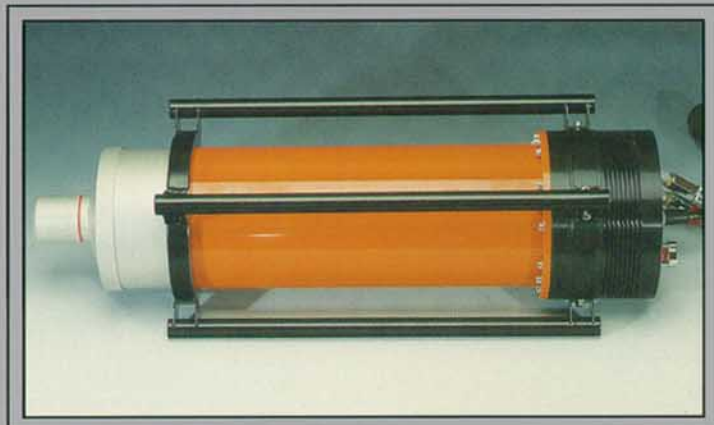


\*) at FFA = 700 mm, D7Pb, S=2



The ERESKO MF line includes direct radiating units for Fe wall thicknesses of up to 60 mm and panoramic radiating units, either cooled by air or water, which due to their conical anode tubes enable a symmetrical emission.

Set-up accessories (centering gear) and safety accessories are available as are aluminium transport containers for sites.







X-ray equipment of the ERESO MF line being set up for various inspection tasks.



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