

# We repair, maintain, dismantle, install, and upgrade electron accelerators



BULLETIN #05  
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TRANSPORT OF AN ACCELERATOR VESSEL

## From decommissioning to commissioning !

### DISMANTLEMENT

MSE provides a wide range of expertise to its clients. Our team recently successfully concluded the full dismantlement of an accelerator facility. The project included pieces inventory and 3D design for transportation pre assessment and dimensioning ; systems disconnection with adequate labelling ; planning with the client, on site technical dismantlement ; mechanical lifting and safe packaging ; international delivery including customs regulations compliance.

### (RE)-INSTALLATION

After transportation, our technical team successfully installed the accelerator at its final destination, including testing and commissioning. It runs perfectly !

We guarantee high flexibility for maximum satisfaction to our customers.

### UPGRADES

Our engineering team offers various system upgrades for your accelerator :

OSCILLATOR CABINET SIGNALS MONITORING - VFVG CONTROL SYSTEM - EFFICIENCY TUNING - SAFETY

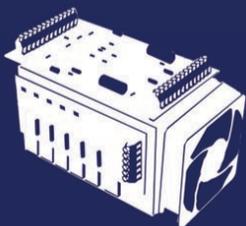
Reach out to MSE for your future project : technical assessment, feasibility study

### SERVICES

- Maintenance of your accelerator
- Engineering projects (R&D)
- Audit and expertise
- Feasibility study
- Dosimetric analysis
- Installation
- Upgrades & repair
- Training
- Process optimisation
- Hotline 24/7
- Technical support
- Spare parts

### SPARE PARTS

MSE supplies components and parts for your accelerator, including hardly accessible or **obsolete** items



#### SCAN AMPLIFIERS

NEW design: powerful, reliable, fully compatible with old model



#### OSCILLATOR TUBES

Triodes 75kW, 150kW, 225kW and 375kW  
-> 150 KW, 225kW and 375kW old models are available



#### RECTIFIER STACKS

Withstand 50k VDC reverse voltage rectifier stack

And more upon request