



small **e-beam** is beautiful

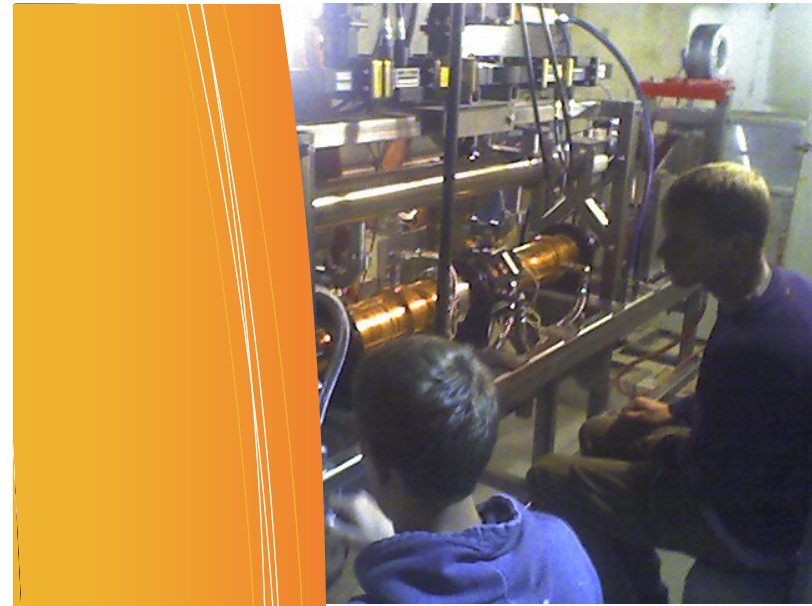
A Family of Electron Accelerators

Energies from 1 MeV to 40 MeV

Beam powers up to 100 kW

Multiple beam, multi-sided treatment capability

Passion
Excellence
Intelligence



Mevex works for you.

CONNECTING YOUR BUSINESS

TO THE

Sterilization

Put sterilization capacity where you need it.
Treat product within minutes of manufacture.
Box by box treatment records.
ISO 11137
21CFR Part 11 and Part 820
It's all about logistics.

Gemstone treatments

High energy.
The best color.
Fractionated doses to control temperature.
Fewest damaged stones.

Semi-conductor enhancement

Treatment reports.
Adjustable energy.
Adjustable doses from 0.1 kGy to 400 kGy.
Fractionated doses to control temperature.
Detailed batch reporting.

TECHNOLOGY

- ELECTRON ACCELERATORS.
- BEAM MONITORING EQUIPMENT.
- UNDER BEAM TREATMENT SYSTEMS.
- PRODUCT HANDLING SYSTEMS.
- PROCESS DATA MANAGEMENT.
- BATCH MANAGEMENT SYSTEMS.
- REPORTING AND SCHEDULING TOOLS.
- INTEGRATION WITH DOSIMETRY SYSTEMS.

flexible solutions for you

END TO END SOLUTIONS....

... OR PIECE BY PIECE

TURN-KEY

You give us a check, we install and validate your equipment and products, you begin sterilizing.

NEAR-TURN-KEY

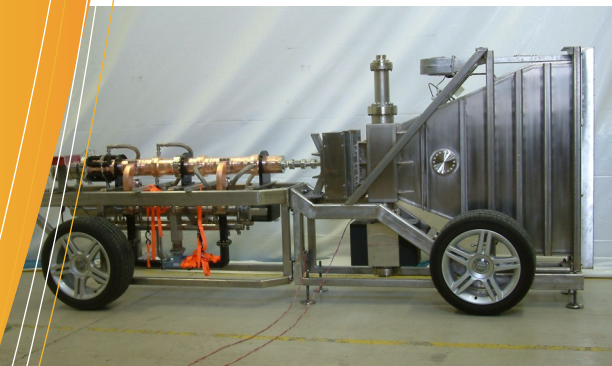
Mevex will work with your project management staff and technical team.

The responsibilities are allocated during the contract definition.

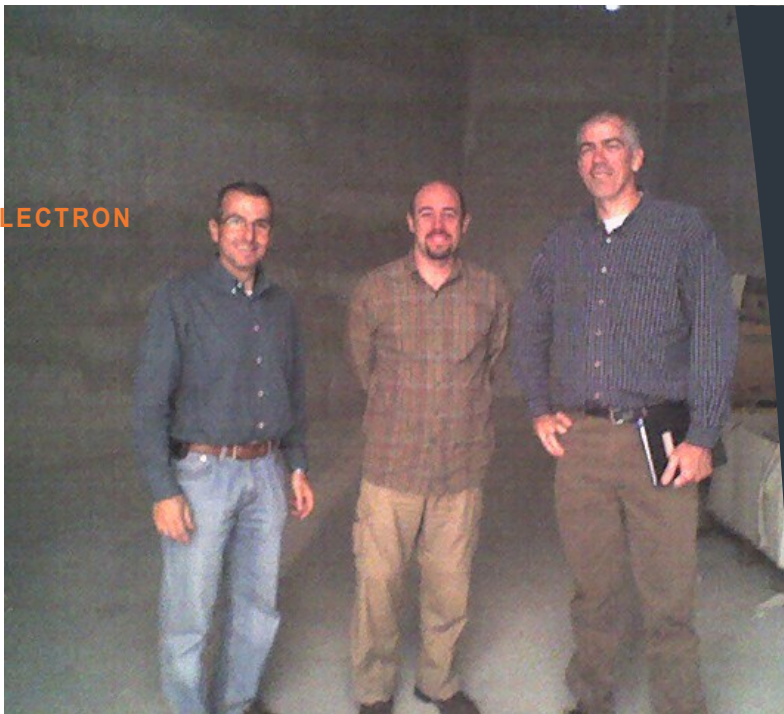
- Time to completion.
- Integration with corporate QA systems.
- Integration with manufacturing processes.
- Project cost reductions.
- Streamline validation.

CUSTOM OEM EQUIPMENT

We build the accelerator you need and you integrate it into your process.



ELECTRON



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your business needs...

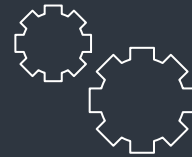
SYSTEM VALIDATION

Mevex staff members have been involved in every aspect of electron beam system deployment.

- ISO 11137 sterilization standards committee.
- Dosimetry standards reviews.
- Development of protocols for corporate customers.
- Sterilization pre-audits for corporate customers.
- Gap analysis and reporting.
- Risk analysis.
- Design review and qualification.
- Beam qualification protocols.
- Routine dosimetry protocols.
- Supply of calibrated measurement systems.
- Calibration measurements and preventive maintenance activities.

PRODUCT VALIDATION

- TIR-based materials analysis
- Materials effects and compatibility studies.
- Packaging qualification.
- Bioburden studies and dose setting activities.
- Dose mapping and energy selection.
- Uncertainty analysis.
- Validation reports.



CUSTOM SOLUTIONS

Define your dream process.

Is there an opportunity to implement electron beam in a unique way?



WEB SUPPORT

When you need us, we are only a mouse click away.

Mevex can integrate web support into most corporate security protocols.



BUSINESS SOLUTIONS

For small businesses, Mevex can provide complete business solutions.

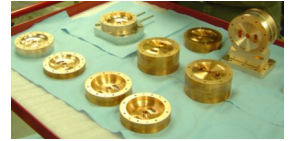
Accounting and finance.

Quality systems.

THE BEST SUPPORT IN THE WORLD

Definition:

- The right amount of support for your organization.
- Access to technical experts 24 hours per day, 7 days per week, 365 days per year.
- No secrets training.
- Access to technical support, engineering, and production staff.
- Extensive spare parts inventories in North America, Europe, and Asia.
- Powerful internet tools.
- Use of industry-standard components makes support easier.



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