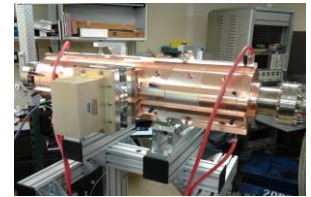


TARGET APPLICATIONS

- Normal conducting accelerators
- SRF accelerators
- FEL
- Beam based THz sources
- Turnkey compact linac systems
- Industrial RF linacs
 - Radiology
 - Cargo scanning
 - Isotope production

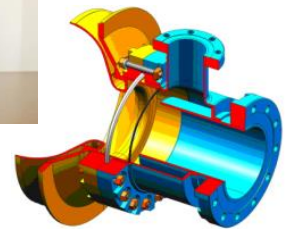
Linear Accelerator Turnkey Solutions

- copper accelerating structures
- SRF linacs
- compact dielectric accelerators



High Power RF Components

- high power rf couplers
- high power rf switch
- high power rf window



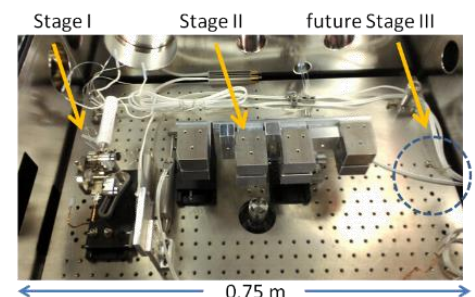
Beam Position and Phase Monitor

- low cost, high accuracy
- simultaneous position & phase readouts
- frequency coverage: L- and S-band



Compact THz Radiation Source

- Tunable over 0.5 – 1 THz
- 1% bandwidth
- mJ output
- 6 MW peak power



Our Products and Services

- Turnkey compact linac systems
- Photoinjectors
- Diamond cathodes
- X-ray sources
- CVD diamond structures
- Ferroelectric structures
- Sputtering systems
- Software development
- Consulting
- ...and more

Beam Physics Turnkey Solutions

- Ultra-compact DLA accelerators
- Conventional RF copper linacs
- SRF linacs

Accelerator components

- Photoinjectors
- Ceramic and CVD diamond accelerating structure prototyping
- SRF cavities
- Copper accelerating structures
- High power RF switchers
- High power RF couplers
- RF windows

Advanced Materials

- CVD diamond
- Ceramics
- Ferroelectrics

Software development and modeling

- SuperLANS family of accelerator codes
- Multiphysics breakdown modeling
- X-ray and high-energy particle shielding simulations
- Accelerator structures design

Services

- Ceramic and dielectric sputtering metallization
- Consulting
 - High power microwave and RT technology
 - Linear accelerators
 - Computational electromagnetics
 - Algorithm development