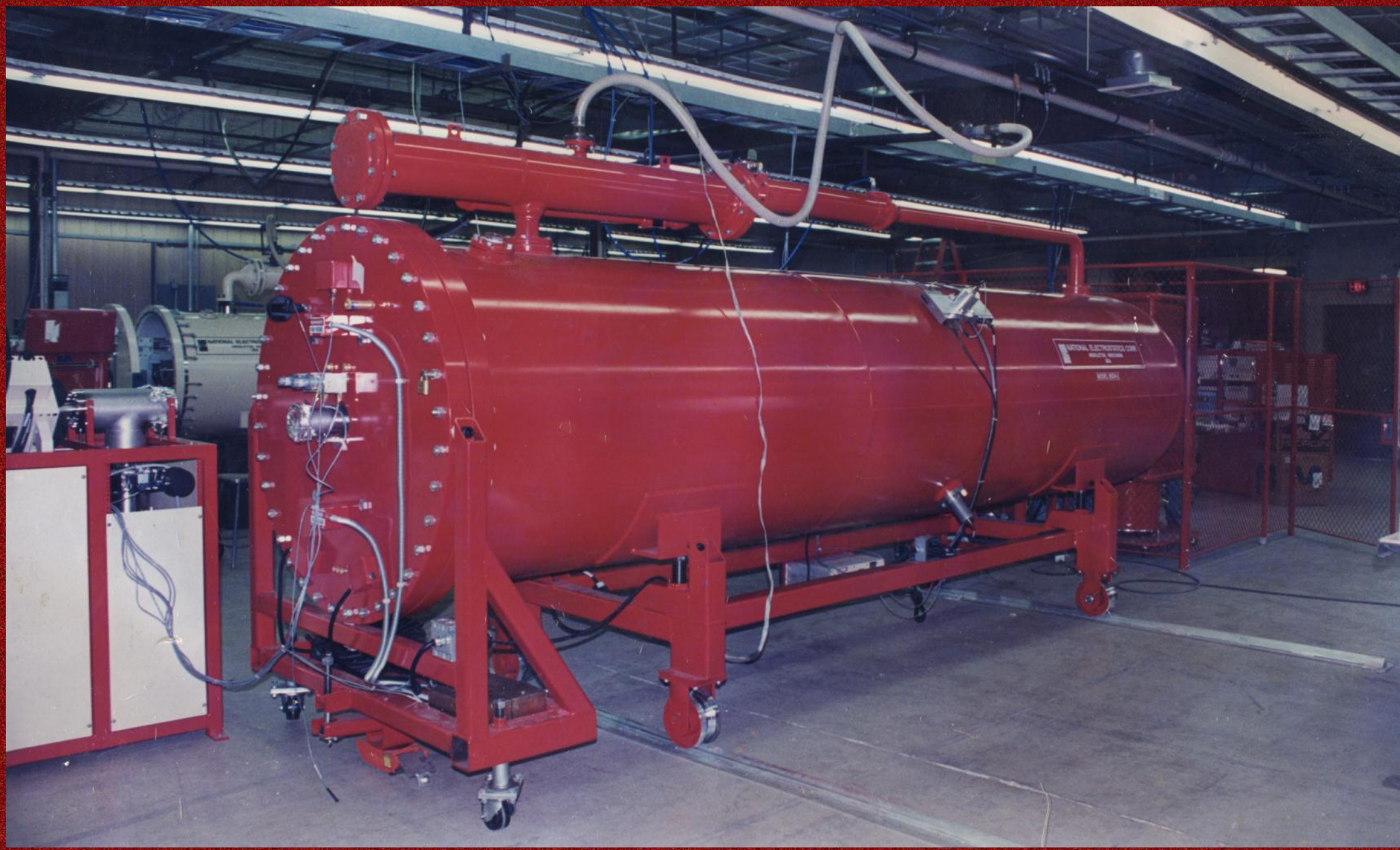
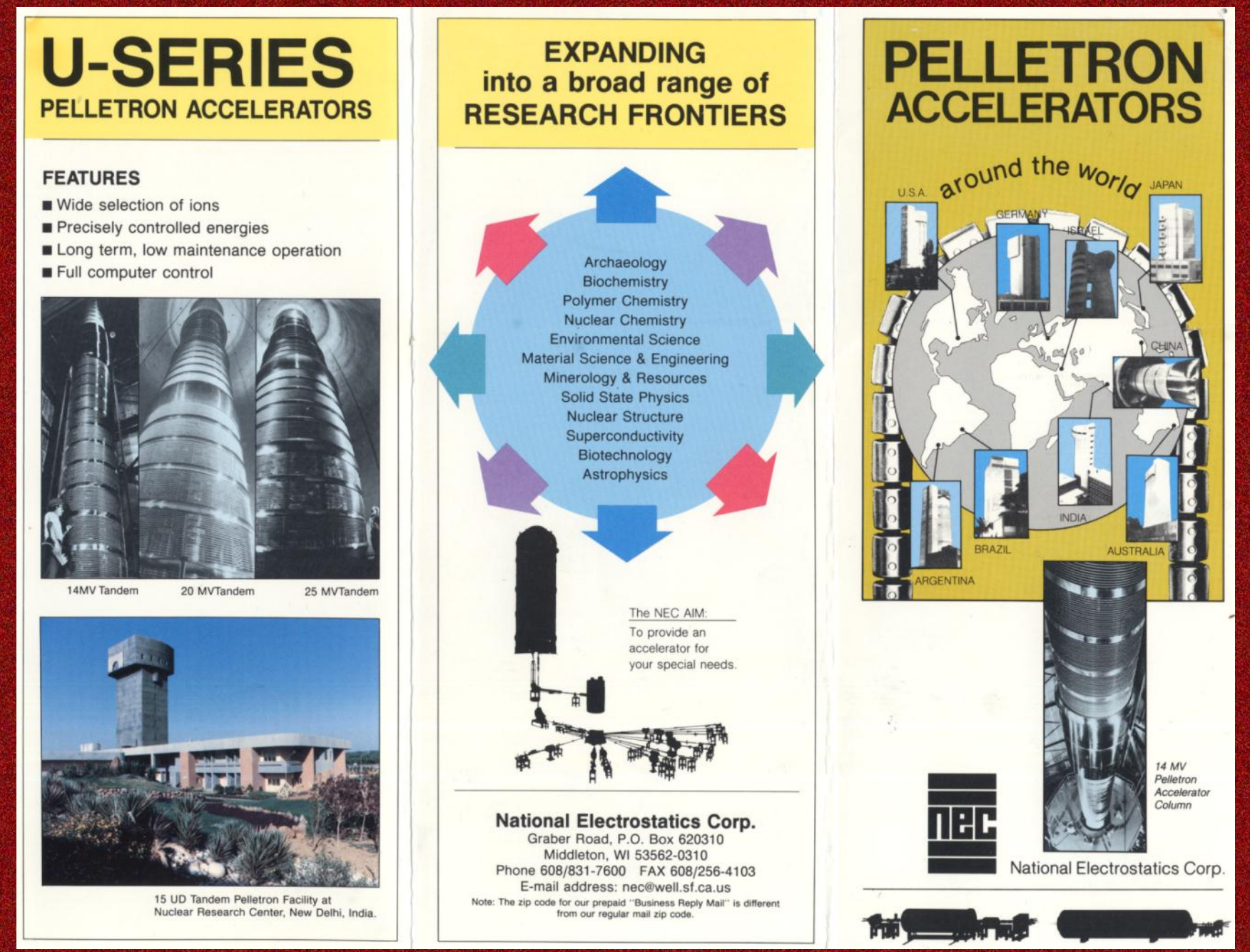




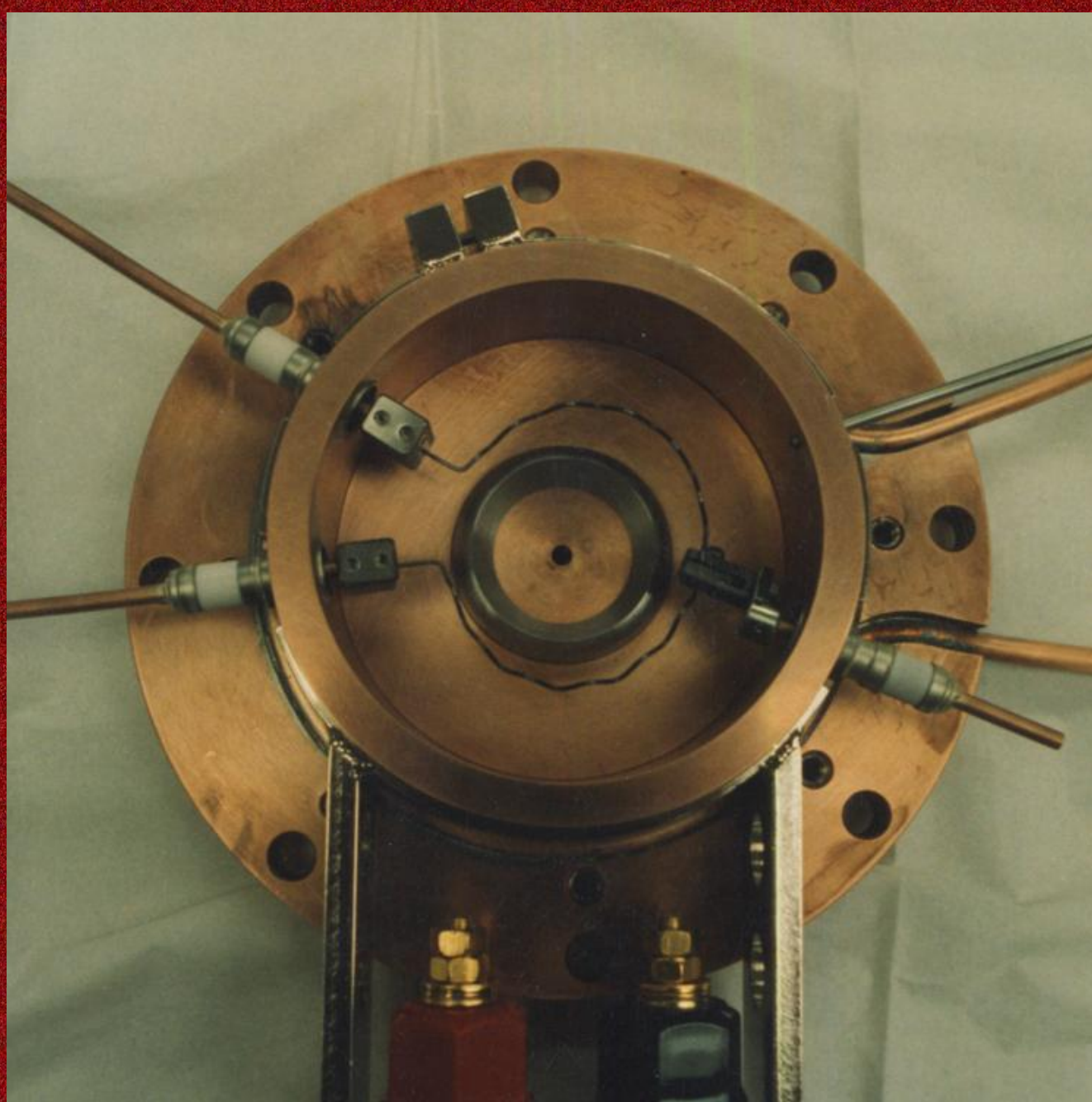
Waisman Center Linear Particle Accelerator



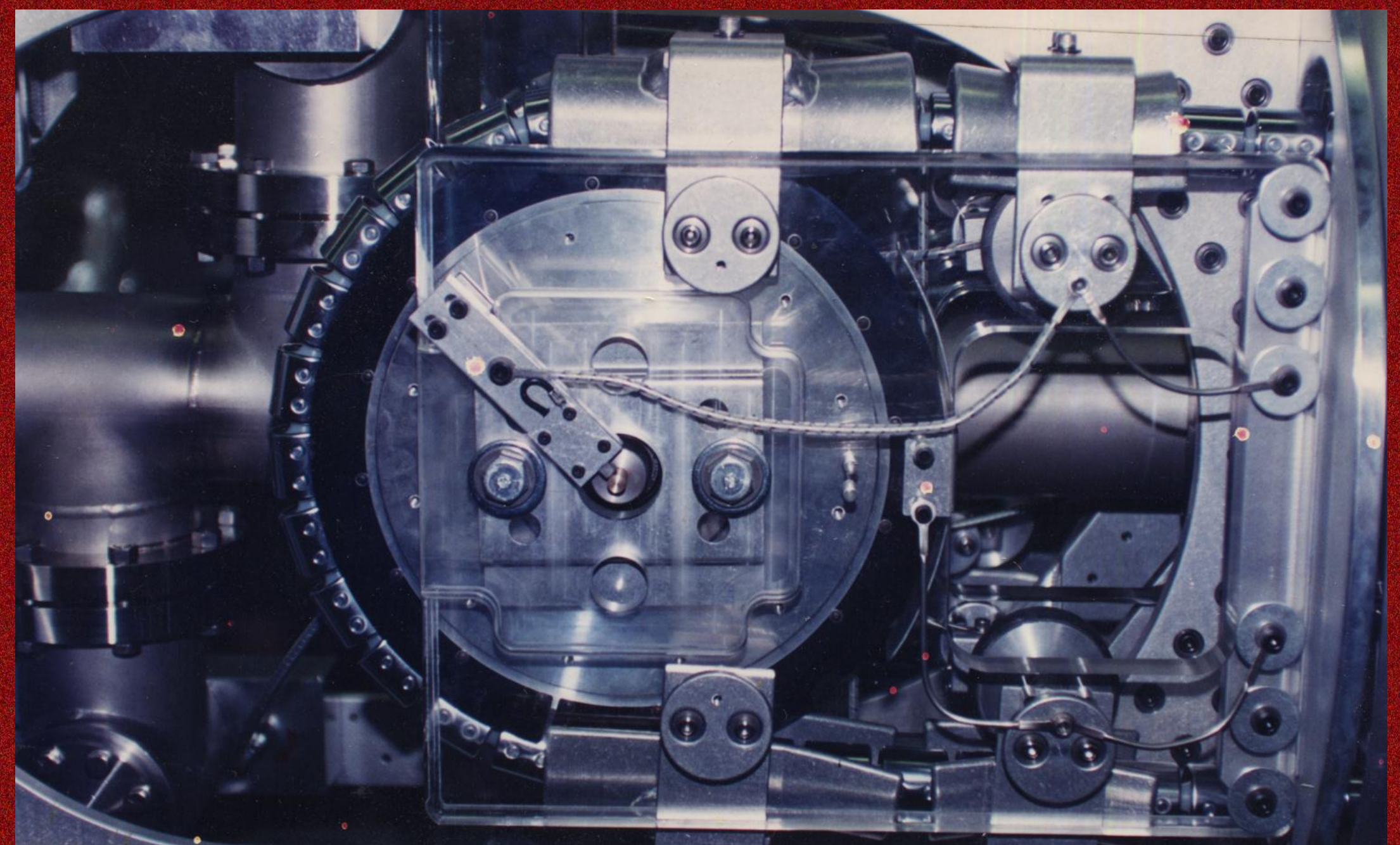
The Accelerator at NEC Corp. in Middleton, WI



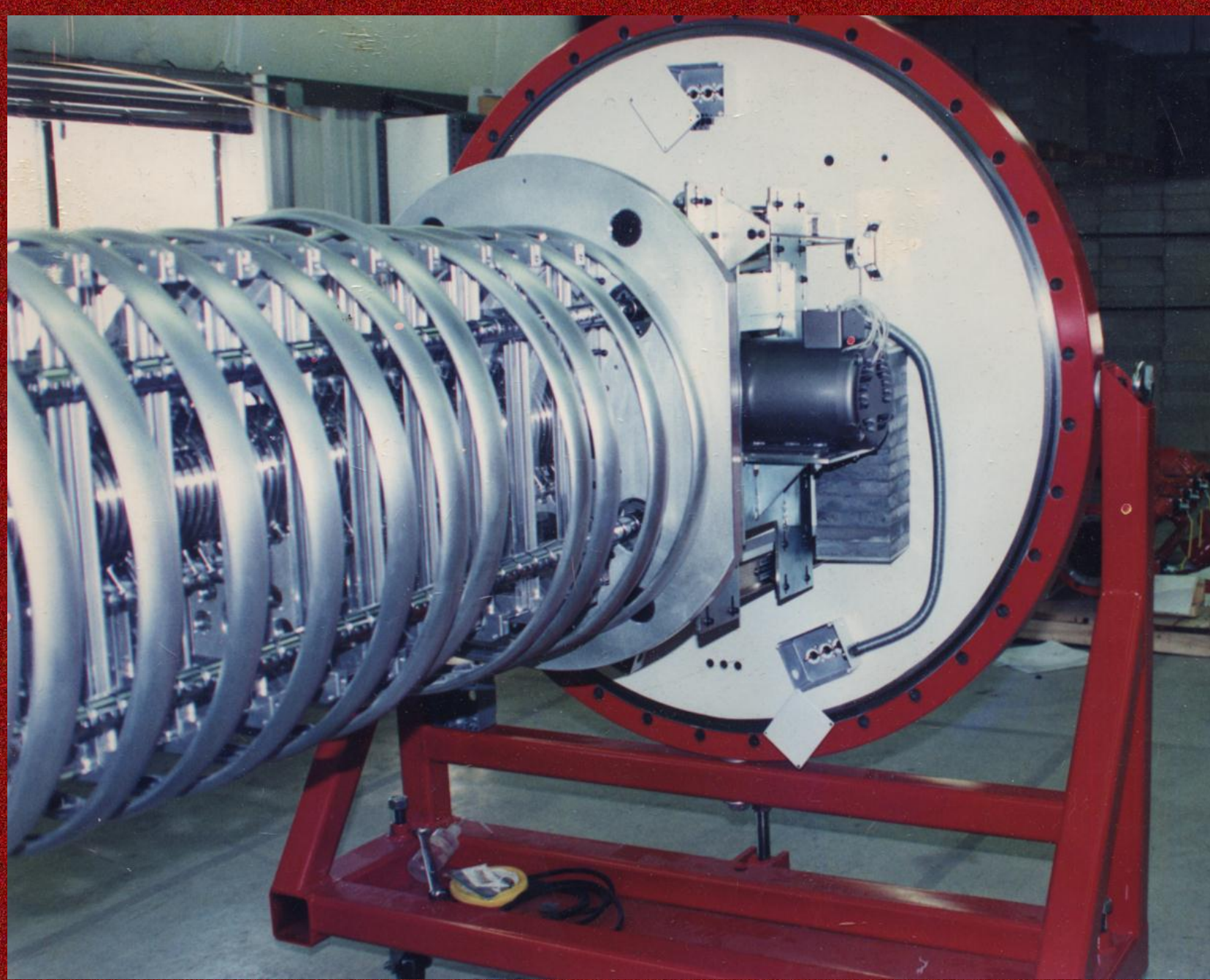
Original Sales Brochure of Model 9SDH-2 from National Electrostatics Corp.



Ion Source – The torvis is heated to high temperatures at low pressure to create a plasma from which ions are extracted.



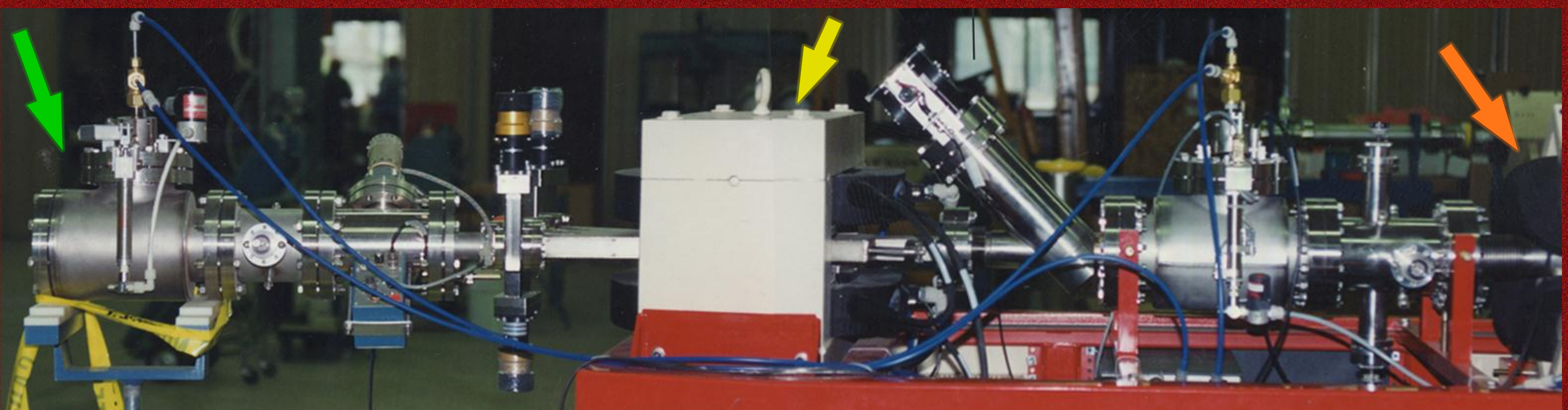
Acceleration Column and Charging Chain Motor – This is where charge is transferred to the chain.



The Guts of the Accelerator



The gradient rings maintain a uniform potential. The chain (green) carries charge to the dome. The beam is accelerated through the inner tube (blue).



High Energy Target End – Magnets focus (orange) and steer (yellow) the beam, while the nuclear reactions happen at the target (green).