

We repair, service, and maintain electron accelerators

RECTIFIER STACK

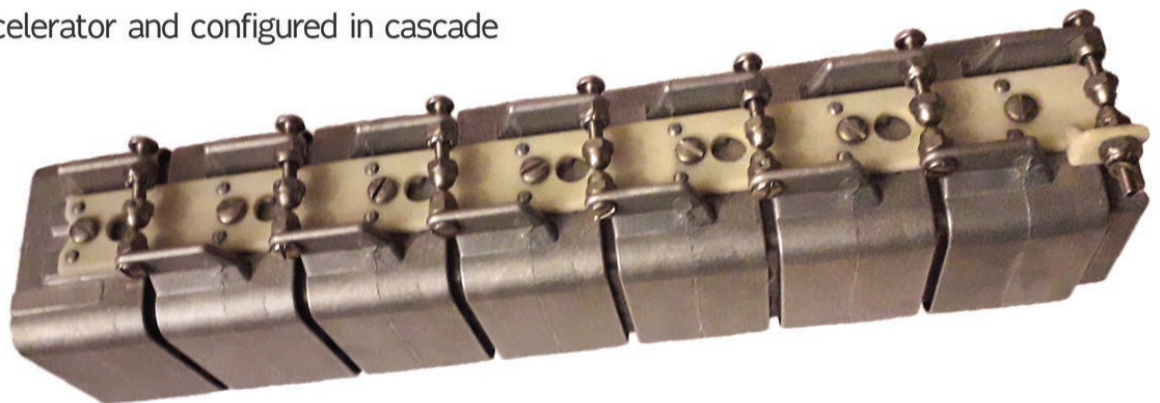
The DC high voltage of an electron accelerator can be obtained by various techniques, in the commonly used Schenkel Cascade, rectifiers form the major parts to reach high DC voltage level. The rectifier assembly is a diode stack converting the RF power into high level DC voltage. It is able to withstand 50kVDC in reverse voltage with a beam current up to 100 mA.

As this component is located inside the accelerator and configured in cascade series, its reliability is extremely important.

Multi Services Engineering offers a full electrical & mechanical equivalent solid state rectifier.

The solution has proven its efficiency and reliability. It comes with a warranty of 1 year.

Contact us to get a quote.



SERVICES

- Maintenance of your accelerator
- Engineering
- Spare parts
- Electronic components repairing
- Dosimetry
- installation
- Upgrades
- Training
- Process optimisation
- Hotline
- Technical support

SPARE PARTS

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



OSCILLATOR TUBES

Triodes 150KW, 225KW et 375KW

-> 150 KW old model
is available



TITANIUM FOILS & ALUMINUM SEALS

Window foils & metallic seals available
for all types of scan horn



BTB / HVD RESISTOR STRINGS

Both carbon and ceramic resistor
strings are available

And more upon request

CONTACT US



info@ms-engi.com



274b Chaussée de Roodebeek, 1200 Brussels



+32 489 452 436



www.ms-engi.com