

A close-up photograph of a circular metal component, possibly a lens or a part of a machine. It features several concentric rings and a central vertical slot. The text "RÖNTGENCSÖVEK" is overlaid in the center.

RÖNTGENCSÖVEK

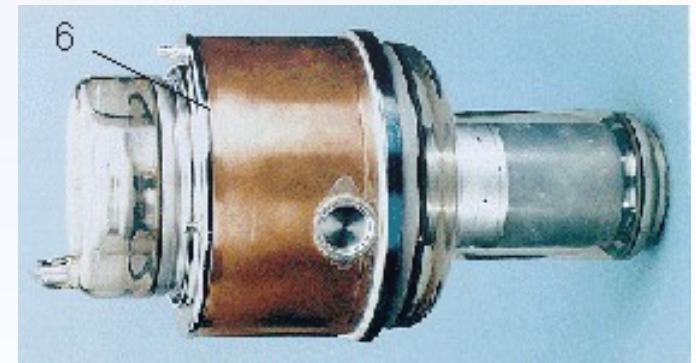
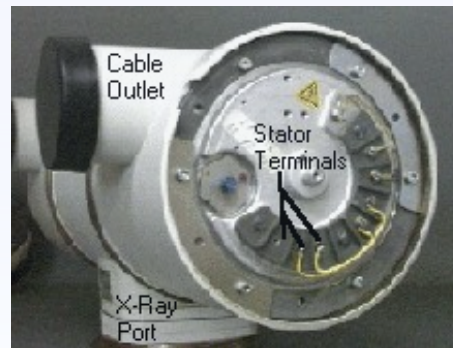
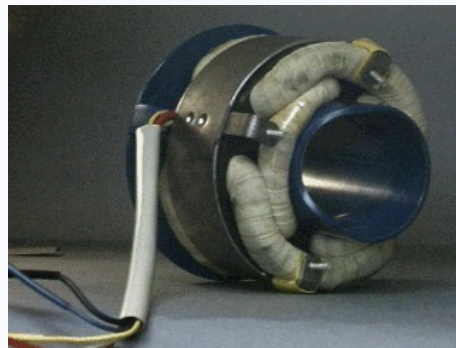
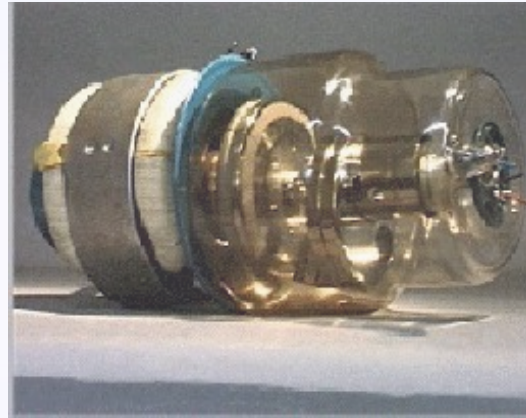
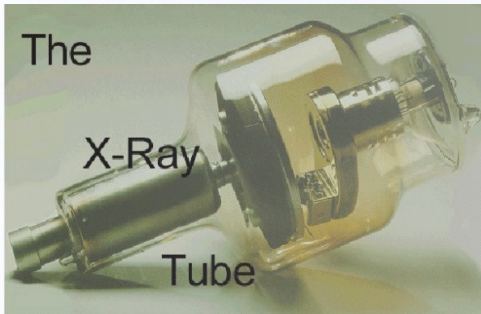
RÖNTGENCSÖVEK

A ma használatos röntgensövek:

- Álló anódúak;
- Üreges anódúak;
- Forgó anódúak;

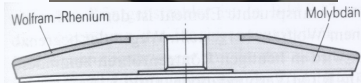
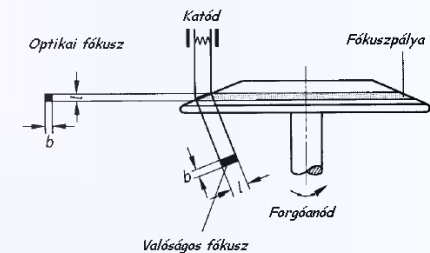
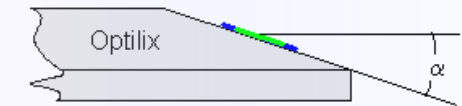
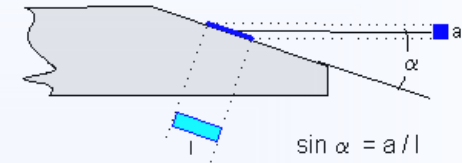
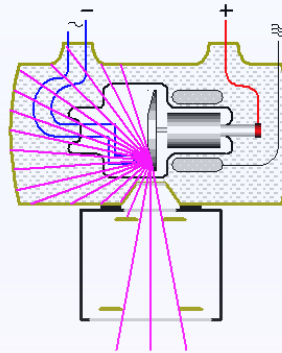
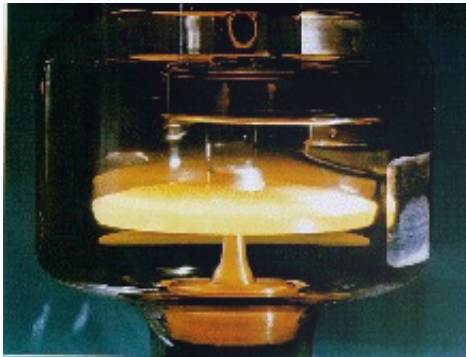
Gerjesztő tekercs,
Cső háza

Megalix 125/15/40/80
X-Ray Tube

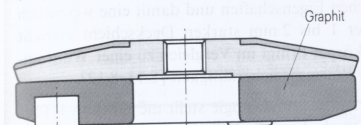


RÖNTGENCSÖVEK

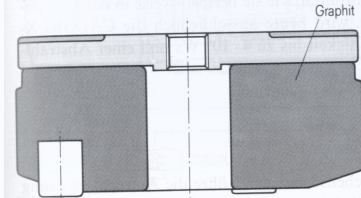
ANÓDOK , KATÓDOK, Sugárrekesz, Terhelhetőség



a) RTM-Anode für 250000 Ws

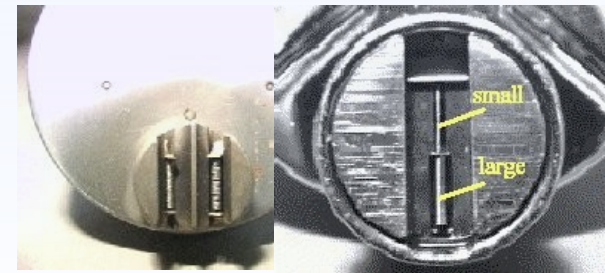
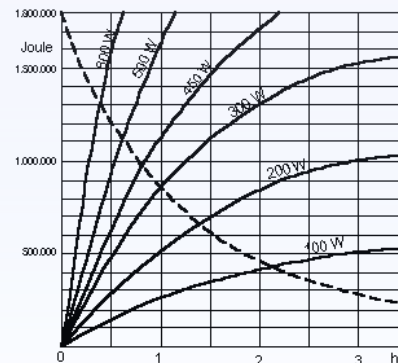
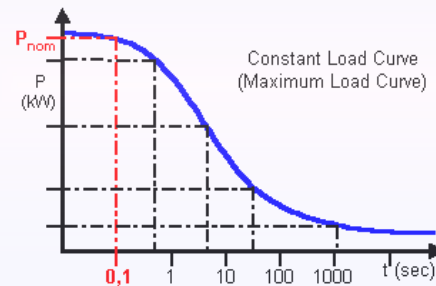


b) RTM-Graphitanode für 400000 Ws



c) RTM-Graphitanode für 1000000 Ws (für Computertomographen)

9



3

RÖNTGENCSÖVEK

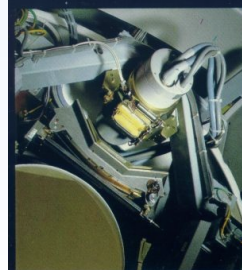
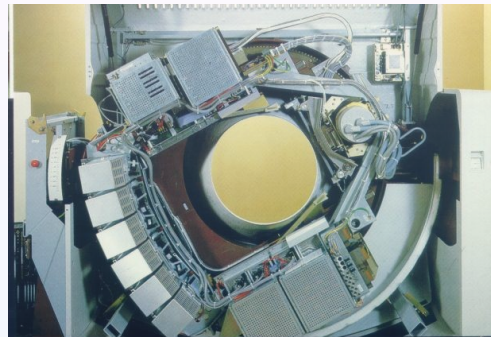
Super ROTALIX CERAMIC CT alkalmazás

Konstrukció

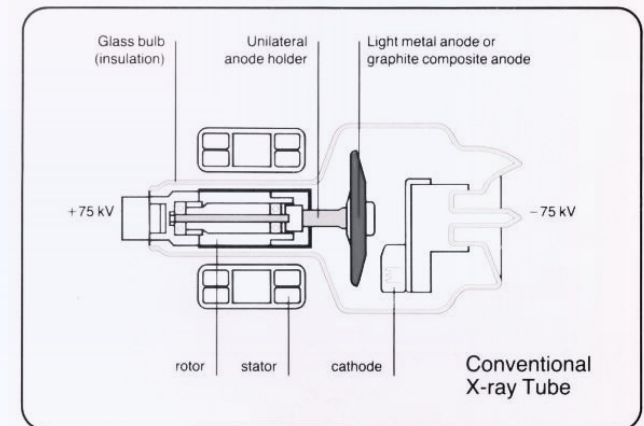
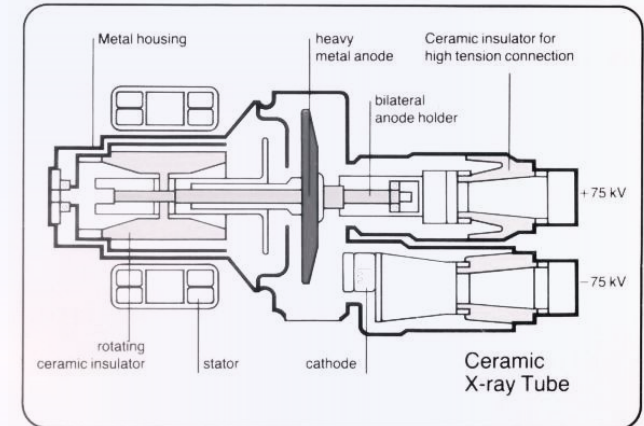
Hagyományos-kerámia cső összehasonlítás



MRC 160 CT



**Manufacture,
transportation and
installation**



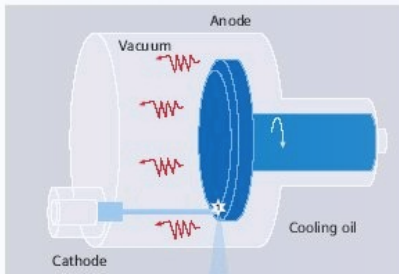
Hőterhelhetőség > 1 500 °C
MRC 203 CT 25 MHU

RÖNTGENCSÖVEK

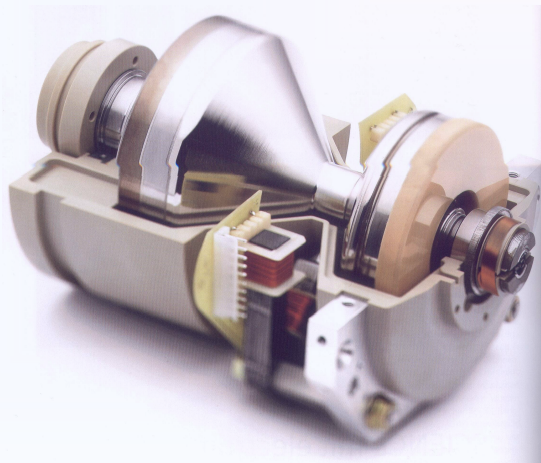
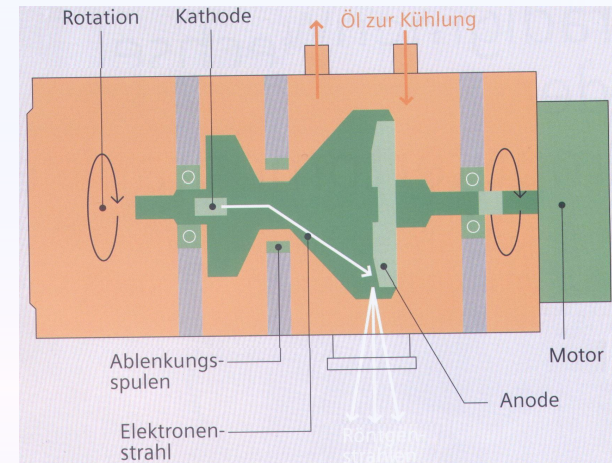
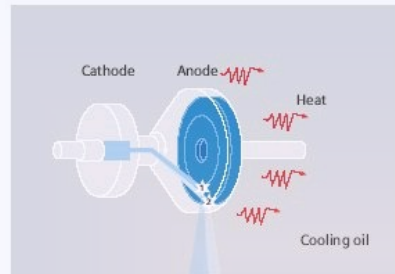
STRATON CT alkalmazás

Konstrukció hagyományos-Straton cső összehasonlítás

Conventional anode heats up quickly and cools down only slowly after exposure.



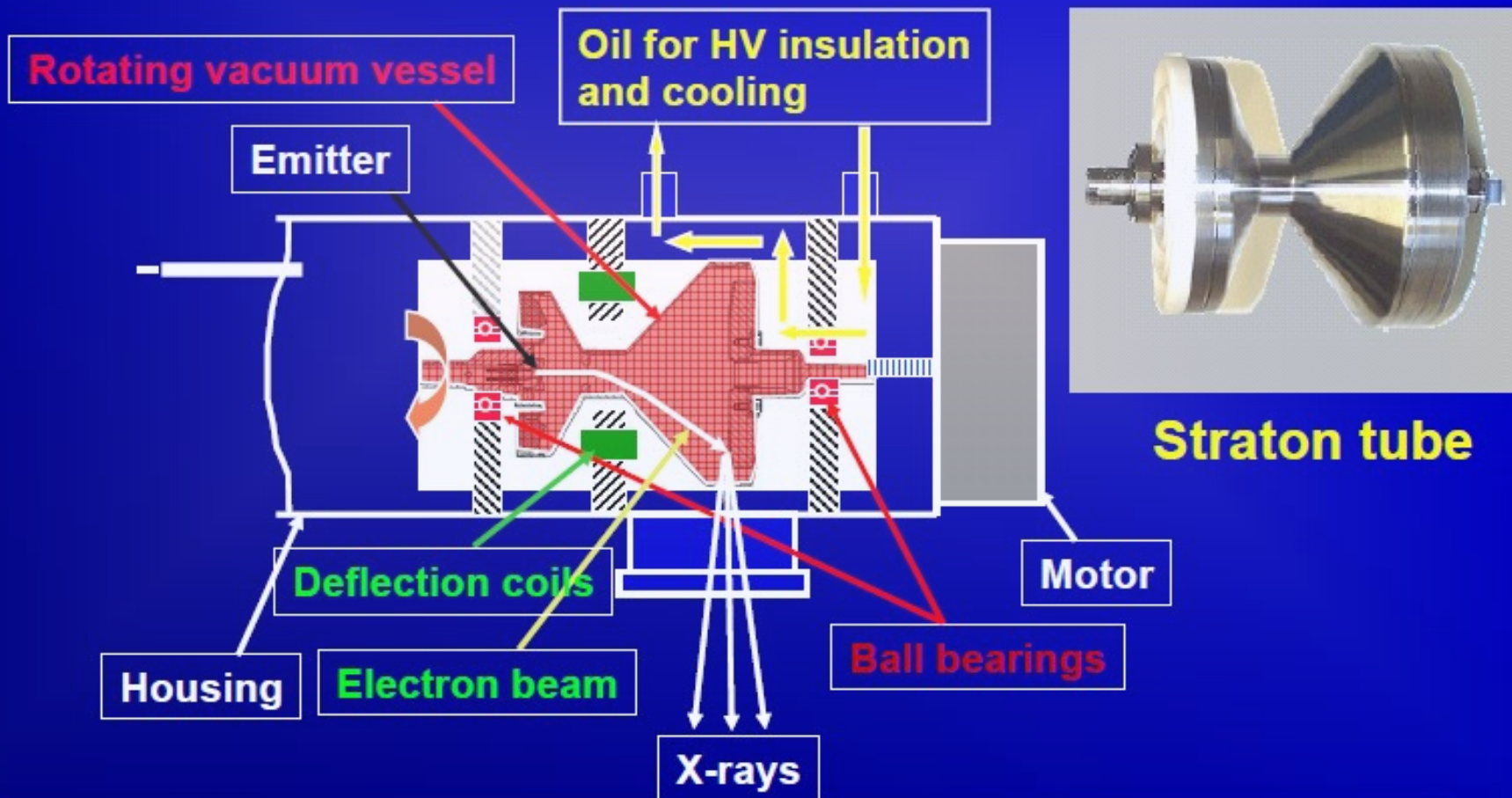
Due to fastest anode cooling, STRATON never accumulates heat during exposure.



RÖNTGENCSÖVEK

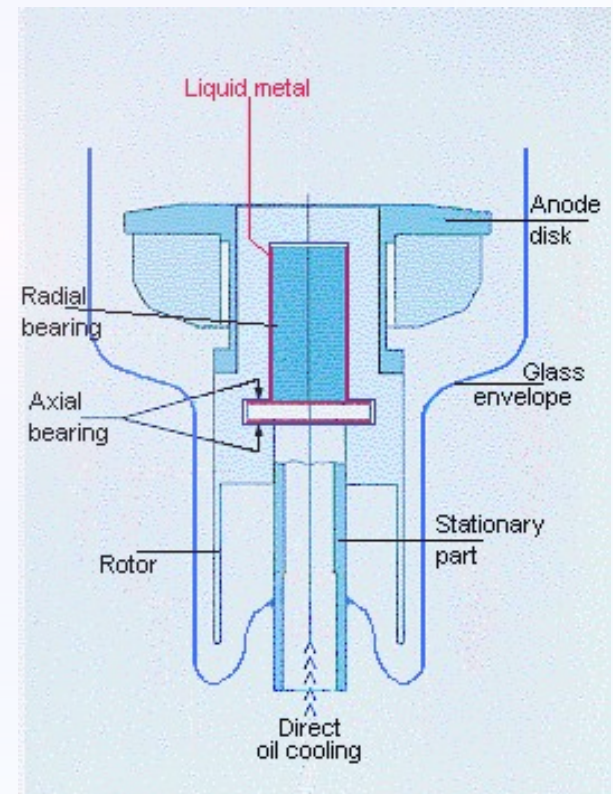
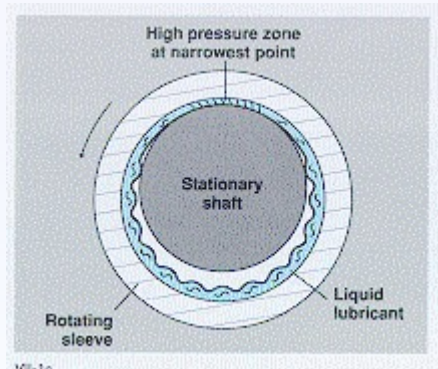
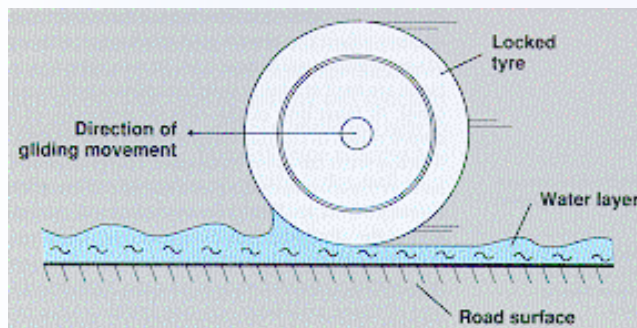
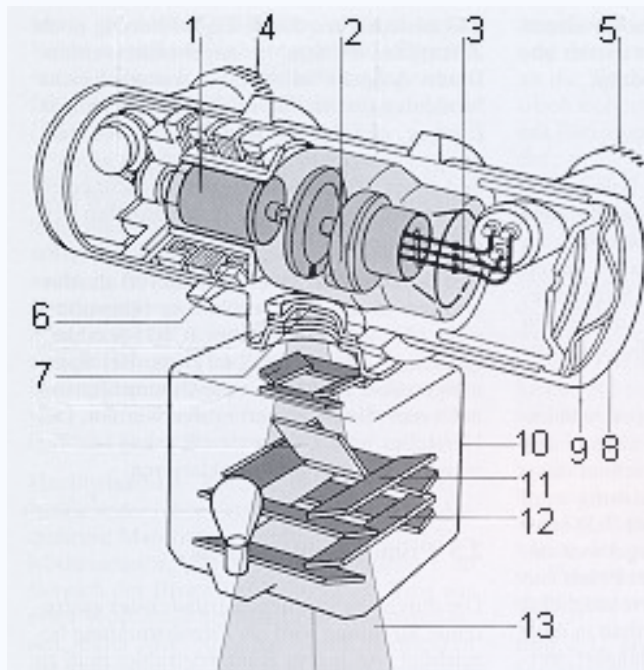
STRATON CT alkalmazás

„Rotating Vacuum Vessel“ X-ray Tube Technology with z-flying focal spot (zFFS)



RÖNTGENCSÖVEK

Röntgenső háza, sugárrekesz, „új” csapágyazás



Gallium alapú folyékony fém

FÓKUSZPONT MÉRÉSE

- Real-Time Focusmeter RFM -

A fókuszpont mérésének módszerei:

- Réses módszer;
- Tűlyukas módszer;
- Csillagábrás módszer.

Real-Time Focusmeter RFM:
állórész, forgórész, réskollimátor.

Mérés kiértékelése:

LSF Line Spread Function A vonalmenti szóródás képe

