



- STATIONARY ANODE
- SPECIAL APPLICATIONS
- MEDIUM DUTY
- HIGH END
- CT SCANNERS
- MAMMOGRAPHY
- HOUSINGS



RTC600

Rotating anode X-ray tube specifically designed for high throughput and special applications. Typical purpose is remote controlled tables and digital systems.

Specifications

Maximum peak voltage	150 kV
Anode angle and diameter	13° - 102 mm
Maximum anode dissipation	1000 W (80000 HU/min)
Anode heat storage capacity	450 kJ (600 kHU)
Rotating anode speed	3000 - 10000 rpm

Characteristics

- High anode heat storage for repeated loading
- Enhanced anode heat dissipation provided by high emittance coatings and target design
- Focal track in tungsten-rhenium alloy to prevent cracking
- Reduced thermal stress on the bearings improves tube life duration
- Severe tests during conditioning assure best performances
- Available also special versions for:
 - reloading in GE-CGR and SIEMENS housings (supplied with anode end adaptation piece)

Focal Spots • mm

0.6 / 1.0
 0.6 / 1.2
 0.6 / 1.3
 0.6 / 1.5
 1.0 / 2.0

Input Powers • Kw

low speed	high speed
24 / 45	43 / 80
24 / 63	43 / 100
24 / 65	43 / 105
24 / 70	43 / 125
45 / 90	80 / 150

lae Housings

- C100
- C52 SUPER
- C100 XT

Reloading

- CG100 - CGR STATORIX 550
- CC700 - COMET DO 700
- CS100 - SIEMENS 100