

RTM101

RTM102

RTC600

RTC700

RTC1000

SPECIAL APPLICATIONS

MEDIUM DUTY

HIGH END

CT SCANNERS

MAMMOGRAPHY

HOUSINGS

# RTC600

Rotating anode graphite 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	600 kJ (800 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 version 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

## IAE HOUSINGS

- C100
- C52 SUPER
- C100 XT

## RELOADING

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

