DIAGNOSTICS

APPLICATIONS

Rotating anode X-ray tube unit specifically designed for 100 mm anode diameter inserts, with high-energy radiographic procedures.

CHARACTERISTICS

- Lead lined aluminium body.
- Safety function steel shield, in case of tube insert breaking.
- Filled under vacuum with insulating oil, specially processed.
- Two devices are present for thermal safety:
- 1. a bimetallic thermal switch, fitted externally on the anode end
  2. a bimetallic thermal switch, internally assembled, series connected with stator common cable
- Storage and shipment temperature range from -10°C to +80°C
- No user maintenance requested

INSERT FOR RELOADING

- RTM 90 H/HS - RTM 92 H/HS
- RTM 101 H/HS - RTM 102 H/HS
- RTC 600 HS

C100

ROTATING ANODE X-RAY TUBE UNIT

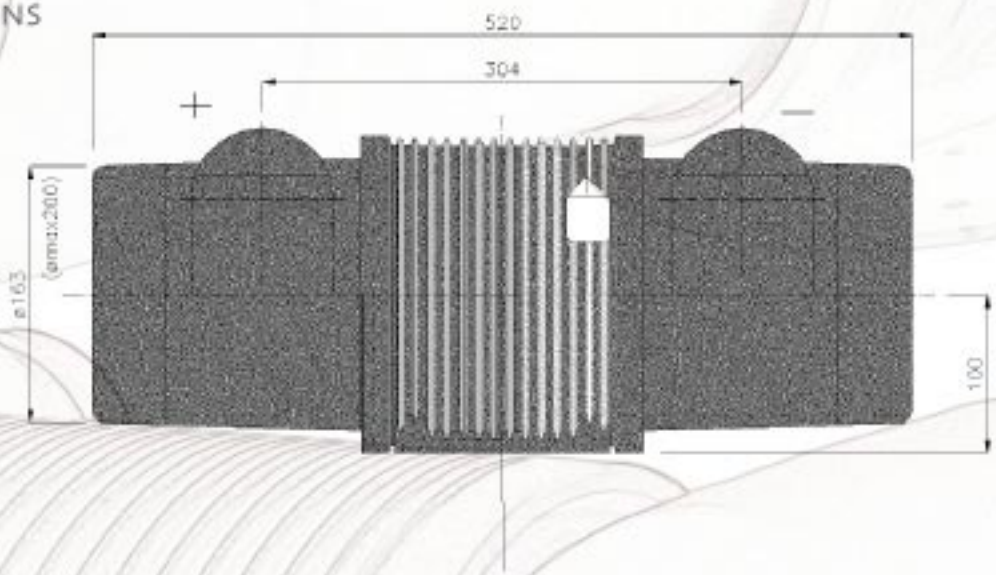
SPECIFICATIONS

Overall length	520 mm
Maximum diameter	200 mm
Tube assembly net weight	25 kg
Nominal X-ray tube assembly voltage	150 kV
Maximum tube assembly heat content	1500 kJ (2000 kHU)
Maximum continuous heat dissipation without fan	250 W
Maximum continuous heat dissipation with fan	600 W
Minimum tube assembly inherent filtration	1.2 mm Al / 75 kV
Maximum leakage radiation at 1 m from focal spots	0.44 mGy/h

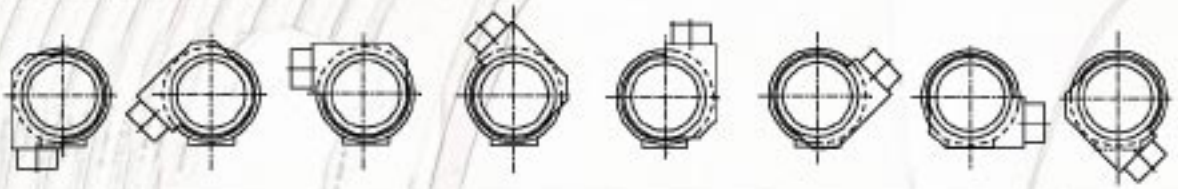
CE 0051

C100

DIMENSIONS



HOUSING HORN ANGLES



ANGLE	0°	45	90°	135°	180°	225°	280°	315°
IAE CODE	C100_0	C100_45	C100_90	C100_135	C100_180	C100_225	C100_280	C100_ 315

ORDERING TIPS

To assure that you receive the proper tube assembly, please specify the following information at the time of order:

- horn angle (of the tube housing high voltage receptacles)
- necessity of fan or heat exchanger
- any interface kit that may be required

Should you still have questions about the compatibility of a replacement tube unit call our customer service:

+39 02 66303255

IAE SPA ITALY via Fabio Filzi, 53 20032 CORMANO MI tel +39 02 66303255 fax +39 02 6152544 iaexray@iae.it www.iae.it
IAE FRANCE SAS 90, Blvd St.Michel 91150 ETAMPES tel +33 16 4948044 fax +33 16 4949956 iaefrance@wanadoo.fr

IL AMIGDNI