

BALTOGRAPH TSC160



| | |
|----------------------------|---------------------------|
| Max high voltage: | 160 kV |
| Nominal power: | 1000 |
| Focal spot size (EN12543): | 4 x 0,4 |
| Beam angle: | 360° x 40° |
| Target angle: | 22° |
| Inherent Filtration (mm): | 0,5Ti + 2H20 + 2Al |
| Anode cooling type: | Water |
| Cooling flow rate: | 4l/min |
| Leakage: | 2,5mSv/h@1m |
| Max current: | 12 mA |
| Weight : | 8 kg |
| Tubehead: | Metal Ceramic |

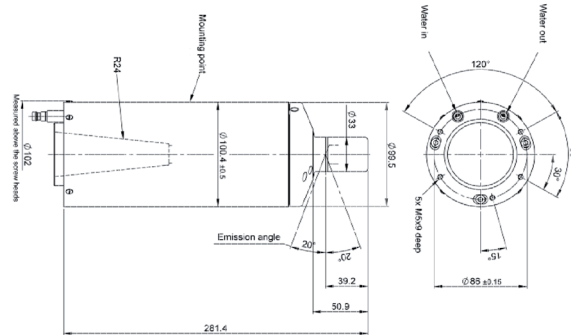
The TSC160 is the Panoramic version of the Directional universal Monopolar tube for light alloys, composites or for small to medium steel thicknesses.

With a power of up to 1 kW and a diameter of 100 mm this is the ideal candidate for tank inspections or hollow components with small inner diameters.

The tube shielding is internal and reduces the radiation leakage to less than 1 R/h @ 1 m as required by International standards. In and out fluid inlets are mounted with universal connectors while the HV plug cone is a R24.

This tube can be used with all brands of generators provided that the load curve can be adapted. See our specialists if you intend to connect this tube to another unit than a BALTEAU.

MECHANICAL DRAWING



Specifications

| | | | | | |
|-------------------|----|---------------|---------------------|-----------|-----------------------|
| Max. High voltage | kV | 160 | Nominal power | W | 1000 |
| Tube type | | Metal Ceramic | Inherent filtration | mm | 0.5 Ti + 2 H2O + 2 Al |
| Beam angle | | 360° x 40° | Target angle | | 22° |
| Cooling mode | | Water | Leakage * | mSv/h @1m | 2,5 |
| HV Connector | | R24 | Cooling flow rate | l/min | 4 |
| Part number | | 04841220 | Weight | Kg | 8 |

| Small Focal | | | Large Focal | | |
|------------------------|----|---------|------------------------|----|---|
| Max. Current @ kV Max. | mA | 6,2 | Max. Current @ kV Max. | mA | - |
| Focal spot EN12543 | d | 4 x 0,4 | Focal spot EN12543 | d | - |
| Max. Current | mA | 12 | Max. Current | mA | - |

* Leakage radiation max at 1m in mSv/h at nominal kV

Load curve



SMALL FOCAL

Load curves are indicative as they display the theoretical capacity of the target that may be modified by the HV generator connected and/or by user's settings. Please consult our engineers for up to date information and data related to your generator.

STANDARD EQUIPMENT

Part designation

- Fitting for water hose connections d=8 and d=12mm
- Leaded protective cover

OPTIONAL ACCESSORIES

Part designation

- Quick flanges with key
- Four legs stand

Contact details

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