

## BALTOGRAPH TSC160



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

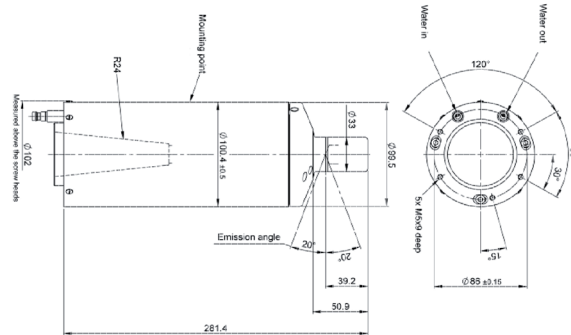
The TSC160 is the Panoramic version of the Directional universal Monopolar tube for light alloys, composites or for small to medium steel thicknesses.

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



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