

## ELECTRON BEAM (EBW)

**Brand :** TECHMETA  
**Type :** MEDARD 43  
**Photos :**



Chamber's tubular extension :  
Ø200 mm x 500 mm

### Characteristics :

- Power : 6 kW
- Accelerating tension : 20 to 60 kV
- Beam current : 1 to 100 mA
- Chamber's dimensions : 500 x 500 x 500 mm<sup>3</sup>  
+ tubular extension  
Ø200 x 500 mm
- Movement : CNC
- Max length X and Y axis : 200 mm - accuracy 25 µm
- Max speed X and Y axis: 3 m/min
- Max speed C axis (rotation) : 120 RPM
- Chamber's vacuum : 10<sup>-4</sup> mbar
- Beam's deflection :
  - > Max angle : +/- 6°
  - > Frequency : 0.1 to 2000 Hz

