

RM4032 - Magnetron, CW, FFO



Wermacht CW magnetron, cylindrical anode geometry, likely intended to be used with a coaxial resonator. The very early cylindrical architecture probably decided to operate over an extremely wide frequency range, 2.5 to 12.5 GHz.

About 50 units made by FFO and Opta. (The FFO was the primary German aviation radio research institute)

- **Filament voltage: 2.5 V**
- **Filament current: 3.5 A**
- **Anode voltage: 3.000 V**
- **Magnetic field: from 11.000 to 14.000 Gauss**
- **Anode current: 25 mA**
- **Wavelength: tunable between 2.4 and 12 cm, depending upon the external resonator**
- **RF output power: 500 mW at 4 cm typical**
- **Notes: the tube was intended for instrumentation and required filament current control and magnetic field control circuits.**

No further information available.