

## MD500/2400 - Brown Boveri Turbator



This is an undocumented 'Turbator' magnetron by Brown Boveri. According to its code it can give in output 500 W at 2.400 MHz.

The sample resembles other Brown Boveri magnetrons, such as the [MD10-2000](#), but slightly larger, about 140 mm high. Two thick square radiators, presumably molybdenum, look to be welded to both sides of the short cylindrical resonator. Hard glass envelope.

It is hard to assume a continuous power of 500 W for this tube but the presence of radiators suggests a fairly high average output power. The 2.400 MHz frequency suggests a possible use in industrial heaters, generating short RF bursts, like in spot welding or some form of diathermy..

This sample comes from the collection of Udo Radtke.