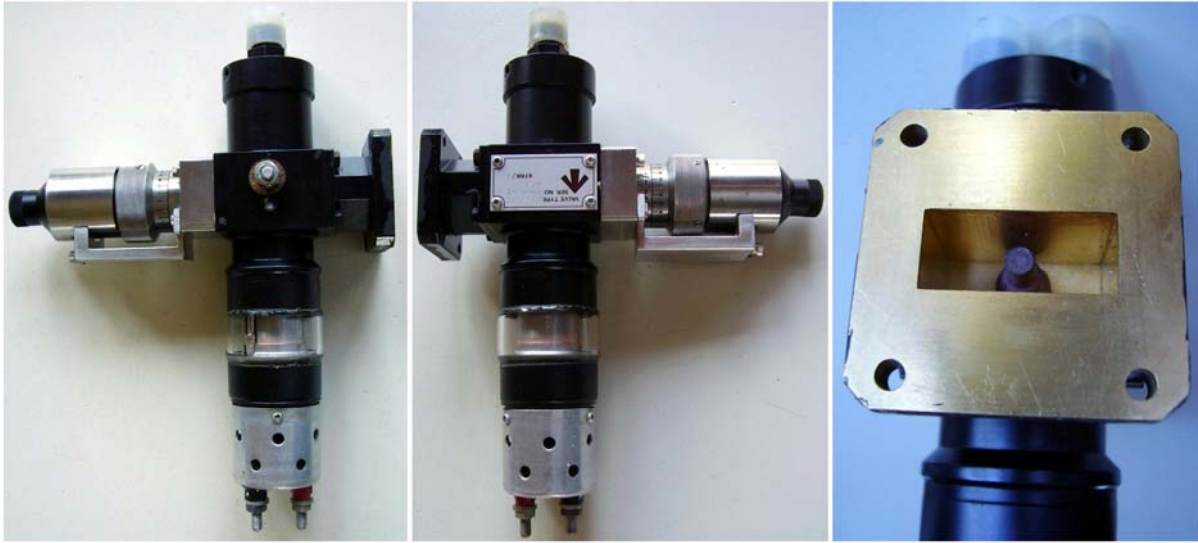


## CV3319 / SZ31 - CW Power Klystron, X-Band



- Click on image to enlarge.

SZ31, made by Ferranti and approved as CV3319, is a CW power klystron capable of delivering 10 to 20 watts typical in the X-band. Linear beam with two cavities and internal feedback to operate as oscillator. Waveguide output flange, type WG15. The collector is water cooled, requiring 0.3 lt/min minimum water flow.

216 mm overall height, 1.66 kg weight.

6.8 to 7.4 kV typical beam voltage, 28 to 30 mA beam current. 10 to 20 W output power.

7.0 to 8.5 V heater voltage, 15.5 to 21 W heater power.

Data for [SZ31](#) available here.