

Nonsequitur Model 1500 Electron Gun Specifications

HeatWave Labs Model 101280

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| Maximum Operating Voltage | 10kV |
| Maximum Beam Current | 30mA |
| Spot Size (20mm WD) | 0.5-1.0mm @ 30mA, 0.1mm @ 1mA |
| Focus | Electrostatic |
| Grid Voltage (Modified Pierce Electrode) | -1000V (max) with respect to cathode for beam cutoff |
| Emitter Type | Tungsten heated by electron bombardment (7mA @ 2kV, filament approx. 1.4A @ 4V, emission regulated) Field replaceable |
| Emitter Life | Better than 2000 hours |
| Vacuum Requirement | 1×10^{-6} Torr or better |
| Electrical Feedthrough | Ceramaseal P/N 807B12867-05-CF |
| Flange | 2.75 Diameter CFF |

