



Welcome to a World of Vacuum



Vacuum Products Canada Inc.

Sales, Service and Technical Assistance, all under one roof ... right here in Canada!

E-Beam Power Supplies "Cheetah Series"

February 2012



ST-4, ST-6, ST-8, ST-10

- Maximum power 4/6/8/10 kW
- ST-10 offers simultaneous operation of up to 3 e-beam sources
- All Solid State switch mode design
- Rugged well overrated IGBT inverter for superior reliability
- Extensive arc management for outstanding performance, fastest arc recovery, arc counter and arc duration sensor
- Adjustable voltage 0 to -10 kV (0 to -8kV for ST-4) with precise regulation ($\pm 0.25\%$) for stable beam position, ultra low ripple for minimum beam size
- Constant emission current regulation $\pm 0.5\%$
- Full remote operation from PLC or optional Handheld for both High Voltage and Source
- 19 Inch rack mountable, ultra compact ST-4/6/8: 8.75" (5U) high ST-10: 10.5" (6U) high + 5.25" (3U) per Source Filament Output; Controller: 1.75" (1U) high
- "Cheetah" Digital Programmable Sweep standard 3.50" (2U)
- Air cooled



TT-3, TT-6, TT-8

- Maximum power 3.5/6/8 kW
- Tetrode tube for superior instantaneous arc-down recovery
- Adjustable voltage (see overleaf) with precise regulation ($\pm 0.25\%$) for stable beam position, very low ripple for minimum beam size
- Constant emission current regulation $\pm 0.5\%$
- Full remote operation from PLC or optional Handheld for both High Voltage and Source
- 19 Inch rack mountable TT-3: 10.50" (6U) high
- TT-6: 14.00" (8U) high
- TT-8: 15.75" (9U) high
- Controller: 1.75" (1U) high
- Analog Sweep standard 5.25" (3U),
- Digital Programmable Sweep optional
- Air cooled



TT-10, TT-15, TT-20

- Maximum power 10/15/20 kW
- Simultaneous operation of up to 3 e-beam sources
- Robust overrated tetrode tube for superior instantaneous arc-down recovery
- Adjustable voltage -4 to -10 kV with precise regulation ($\pm 0.25\%$) for stable beam position, very low ripple for minimum beam size
- Constant emission current regulation $\pm 0.5\%$
- Full remote operation from PLC or optional Handheld for both High Voltage and Source
- 19 Inch Controller 1.75" (1U) high
- Analog Sweep standard 5.25" (3U), Programmable Sweep optional
- Air cooled

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