

# SELECTION CHART



| E-BEAM SELECTION CHART          |                                       |          |          |                                   |          |          |          |
|---------------------------------|---------------------------------------|----------|----------|-----------------------------------|----------|----------|----------|
|                                 | NE-4                                  | NE-6     | NE-8     | NEU-4                             | NEU-6    | NEU-8    | HYDRA-15 |
| No. of E-Beam Guns Supplied     | 1 Gun                                 |          |          |                                   |          |          | 3 Guns   |
| Input Voltage for Control       | 208/230 Volts, Single Phase, 50/60 Hz |          |          | 230 Volts, Single Phase, 50/60 Hz |          |          |          |
| Input Current for Control       | 3 Amps                                |          |          |                                   |          |          | 10 Amps  |
| Input Voltage for Power         | 208/230 Volts, 3-Phase, 50/60 Hz      |          |          | 400 Volts, 3-Phase, 50/60 Hz      |          |          |          |
| 3-Phase Input Current for Power | 20 Amps                               | 30 Amps  | 40 Amps  | 10 Amps                           | 15 Amps  | 20 Amps  | 40 Amps  |
| Maximum Output Power            | 4 KW                                  | 6 KW     | 8 KW     | 4 KW                              | 6 KW     | 8 KW     | 15 KW    |
| High Voltage Range              | from -3KV to -10KV (adjustable)       |          |          |                                   |          |          |          |
| Maximum Emission Current        | 0.4 Amps                              | 0.6 Amps | 0.8 Amps | 0.4 Amps                          | 0.6 Amps | 0.8 Amps | 1.5 Amps |
| High Voltage Ripple             | less than 150V p-p                    |          |          |                                   |          |          |          |

| SWEEP SELECTION CHART                                             |                                       |                            |                               |
|-------------------------------------------------------------------|---------------------------------------|----------------------------|-------------------------------|
|                                                                   | STANDARD SWEEP                        | PRECIUM PROGRAMMABLE SWEEP | PRECIUM II PROGRAMMABLE SWEEP |
| Infrastructure Type                                               | Conventional Analog                   | Microcontroller            |                               |
| Input Voltage                                                     | 120/208/230 Volts, 230 for CE version |                            |                               |
| Remote Control                                                    | 1) Hand-held                          | 1) Hand-held               |                               |
|                                                                   | 2) 4 Extra Patterns                   | 2) PLC                     |                               |
|                                                                   | 3) PLC                                | 3) RS232C                  |                               |
| Maximum Output Voltage (for coil impedance < 10 Ohms)             | +/- 15 Volts each axis                |                            |                               |
| Maximum Output Current(for coil impedance < 10 Ohms)              | +/- 1.5 Amps each axis                |                            |                               |
| Pattern Numbers                                                   |                                       | 120 Patterns               |                               |
| Steps per Pattern                                                 | N/A                                   | 100 Patterns               |                               |
| PC Link Software                                                  | N/A                                   | PSLink #.##                | PSI #.##                      |
| Can be controlled by using Control Software on PC? (e.g. LabView) | N/A                                   | NO                         | YES                           |

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