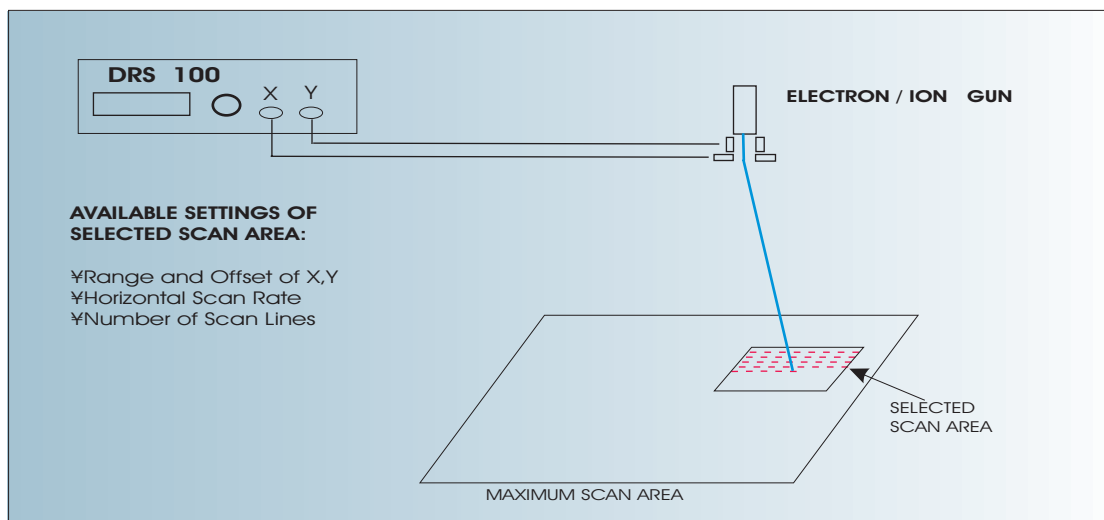


DIGITAL RASTER SCAN

MODEL DRS 100

Digital Raster Scan is a user programmable controller used for X-Y deflection plates in electron and ion guns



DIGITAL RASTER SCAN

Specifications

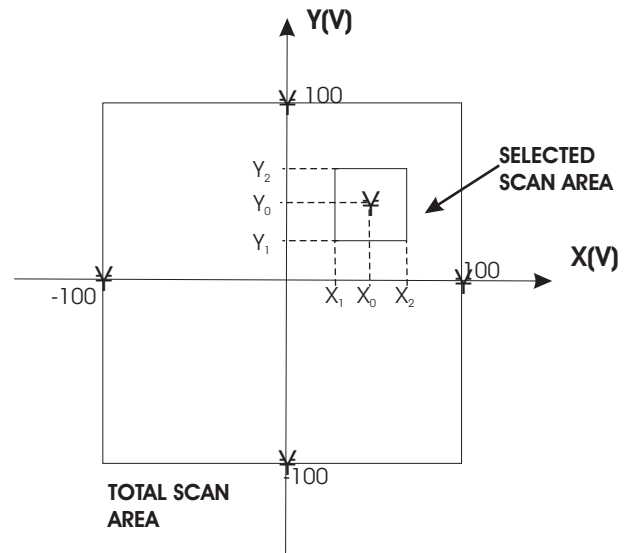
Model DRS 100

Analog Outputs:

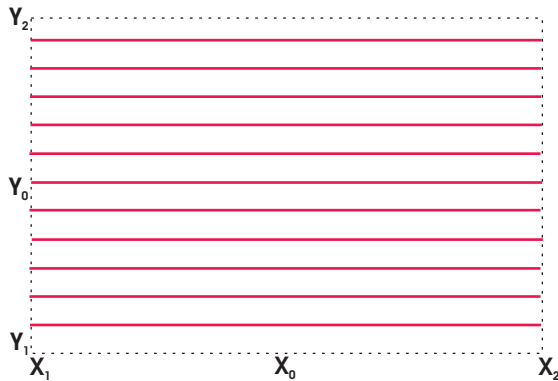
Horizontal range (X) up to 200V
 Vertical range (Y) up to 200V
 Horizontal offset (X) $-100V \div +100V$
 Vertical offset (Y) $-100V \div +100V$
 Vertical resolution up to 999 lines
 Horizontal scan Rate up to 140Hz at X, Y range 2V

Monitoring:

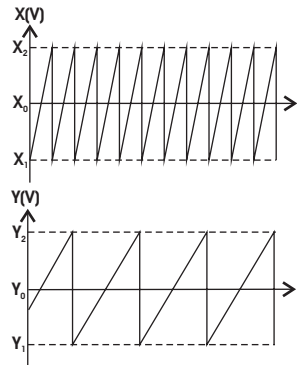
Display: vacuum fluorescent display for functions
 On-Board Automation: 20 pre-programmed operating programs and default settings program
 Protection: short circuit protection



SELECTED SCAN AREA



HORIZONTAL RANGE $= X_2 - X_1$ [V]
VERTICAL RANGE $= Y_2 - Y_1$ [V]
HORIZONTAL OFFSET $= X_0$ [V]
VERTICAL OFFSET $= Y_0$ [V]



Contact:

OCI Vacuum MicroEngineering
 200 Stronach Cres.
 London, Ontario, Canada N5V 3A1

TEL. (519) 457-0878,
 FAX (519) 457-0837

E-mail: info@ocivm.com
 Website: www.ocivm.com