

# EXILE TECHNOLOGIES

## WIDE-FORMAT **GS** THERMAL PLOTTERS



### A QUICK LOOK

- Hysteresis Control
- Optimizes Contrast
- Extended Printhead Life
- Remote Control Capability (Versatec Green-sheet)
- VF panel displays parameter entries from workstation or keypad
- Mirror and Inverse Image Plotting
- English or Metric Scaling
- 16 MB Data Buffer
- Environmentally Safe

**T**he **GS** 624-2 and GS 636-2 Second Generation of Thermal Plotters feature a new controller that stores previous data history and automatically adjusts the printhead energy levels (Hysteresis Control). This feature improves the plot contrast and doubles the life expectancy of the print head. These plotters can be controlled remotely or from the plotter keypad, with the plotting parameters displayed on a VF (vacuum fluorescent) panel.

A unique single-substrate 400 dpi direct thermal printhead eliminates the line gaps and inconsistent densities associated with multi-head plotters. The direct thermal, dry plotting process assures crisp, high clarity plots with no smearing or flaring regardless of ambient temperature or humidity.

These plotters are designed for heavy duty, unattended, continued operation when plotting on roll or fan-fold paper and on roll film. They have built-in diagnosis, safety interlocks, automatic media cutter and a selectable cooling fan for quiet operations. Plotters are available with Automatic Media Take-up, Fan-fold and Plotter Stand. Maintenance is limited to the cleaning of the print head and platen to remove the media residue accumulated during plotting.

Printing Method:	Direct Thermal Technology
Printhead Configuration:	Single Substrate, linear array
Resolution:	200 or 400 dpi
Paper Drive:	Stepper motor
Paper Type:	Premium Grade and Report Grade Bond
Paper Length:	500 Foot roll
Film Type:	Clear finish
Film Length:	200 Foot roll
Nib Size:	2.5 x 3.0 mils (0.063x0.075 mm)
Optical Density:	0.1 Typical
Stepping Increment:	0.3125 mils (0.008 mm)
Stepping Accuracy:	0.15% or ± 0.1 in per 72 in
Dot Alignment Error:	0.1%
Maximum Skew:	0.1%
Character Set:	36 ASCII Character (normal or Inverted)
Character Size:	16X20 dots (200dpi), 32x40 dots (400dpi)
Character Density:	12.7 Characters/in (5 Characters/cm)
Configuration:	Horizontal, Table or Stand mount
Interface Type:	Versatec Parallel
Shock:	Half Sine-Wave
Vibration:	5-50 Hz 50-200Hz

Model Number:	GS 624-2	GS 636-2
Part Number:	624-102601-1	636-102302-1
Media Width:	24" (60 cm)	36" (91 cm)
Plot Width:	23.6" (60 cm)	35.5" (90 cm)
Dots per scan:	9,470	14,206
Bytes per scan:	1184 @ 400dpi 592 @ 200dpi	1776 @ 400dpi 888 @ 200dpi
Plot rate:	200dpi 400dpi	Up to 4.0 ips Up to 2.0 ips
Printing Speed:		
Lines/Min 200dpi	2400	1800
Lines/Min 400dpi	1200	900
Height:	11" (28 cm)	11" (28 cm)
Width:	33" (83 cm)	45" (114 cm)
Depth:	21" (52 cm)	21" (52 cm)
Net Weight:	120 lb (55 kg)	155 lb (70 kg)

#### POWER REQUIREMENTS

Voltage-	115 or 230 Vac (Auto-Switch)
Frequency-	50-60 Hz
Power Usage-	90 Watts idle mode 1000 Watts Plots/Print mode
Operating Environment-	Temperature, 0 to 50 degrees C Humidity, 5 to 95% non-condensing

#### LIMITED WARRANTY

EXILE Technologies warrants these products to be free from defects in material and workmanship for a period of one year from date of shipment. Use of media not approved by the manufacturer voids the warranty of the printhead. Specifications are subject to change without notice.



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