

HARDWARE FEATURES

Powerful main computer

The GFC-1 uses the WD-0900 Pascal microengine as its main computer. The microengine was specifically designed for the efficient execution of compiled Pascal programs, and is considerably faster than comparable computers using Basic interpreters. 64K semiconductor memory, 127K optional.

Floppy disk storage

Dual double sided double density disk drives have 2Mbyte storage available on-line.

I/O ports processor

This processor is based on the 6809 microprocessor and is distinct from the main computer. Interfacing is completely programmable with the main computer acting as the development system for the I/O ports processor, which can also efficiently perform machine level processing.

Full screen editor / Dual page graphics

Screen graphics and joystick type control permits composition/modification of plots for subsequent hard copy. For example incorrect data may be changed or label positions moved before the final plot is run off. Dual page capability enables comparison of field data and fitted models under program control. At the push of a key, the video monitor can switch back and forth the graphical image and text functions without loss of any data. Full screen editing allows easy composition of text/programs and subsequent modification.

Plotter / Digitizer

Portable flat bed interactive plotter with 11"x17" work area (American B size or European A3 size). The digitizer function can be used to register the position of the plotter paper for example,