LoveLink™III Data Acquisition and Logging Software is the second generation of data acquisition software from Love Controls. This easy to use program allows connection of up to 40 controls on a single computer port. Data logging can be set up by individual control with varying logging periods. LoveLink™III Software is compatible with all Love Controls 2600, 8600, 16A, 16L, 32A, and 32DZ Series controls.

FEATURES
• Address and store data for up to 40 controls
• Data logging at individually adjustable rates
• On-screen graphing for up to 10 zones
• Upload and download control configuration profiles
• Save and retrieve profiles to/from disk
• Easy to use operator interface
• Supports Love Series 2600, 8600, 16A, 16L, 16S, 32A, and 32DZ Series controls.

Other Requirements
To communicate with controls equipped with Options 992 or 996, RS-485 Serial Communications; or Options 993 or 995, RS-232 Serial Communications). (Note: The 32A and 32DZ Series supports RS-485 communications only.

SPECIFICATIONS
Pen Response Speed: 1 second full scale. Stylus strikes chart once in two seconds. Dot density depends on chart speed.
Temperature Limits: 32 to 122°F (0 to 50°C).
Accuracy: ±2% of span for DC and temperature inputs; ±3% of span for AC inputs.

Power Supply: Standard: 120 VAC, 60 Hz, 3W nominal; Optional: 240 VAC, 60 Hz, 3W nominal or 12 VDC, 20 mA nominal.
Chart Size: 2-9/16" wide x 62" long, 2-1/8" active width (65 mm wide x 19 mm long, 54 mm active width).
Housing Size: 3-5/8" wide x 5-5/8" height x 4-5/8" depth. (92 mm wide x 133 mm height x 111 mm depth).
Weight: 3-1/2 lb (1.6 kg).

Charts (Packed 6 per box)

<table>
<thead>
<tr>
<th>Parts No.</th>
<th>Major/Minor Division</th>
</tr>
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<tbody>
<tr>
<td>MG651-69130</td>
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<td>MG651-220920</td>
<td>14/70</td>
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</table>

Data Acquisition and Logging Software

Designed for Love Temperature Controller Interface

Computer Requirements
The LOVELINK™III software application will run on Windows® 95/98 and Windows® NT™ Workstation 4.0 (Service Pack 3 recommended), Windows® 2000, and Windows® XP Software. The hardware requirements for each of these operating systems can be found in the documentation provided with that operating system.

One available RS-232 or RS-485 port is needed to communicate with the temperature control(s). A minimum of 4 MB of hard disk space is needed for the LOVELINK™III software application files, and additional hard disk space is needed to store temperature log files. Log file size will vary depending on the Duration and Rate selected for the controls and the number of controls on line.

Control Requirements
The temperature controls supported by LOVELINK™III software are the Love 2600, 8600, 16A, 16L, 32A, and 32DZ Series (with Options 992 or 996, RS-485 Serial Communications; or Options 993 or 995, RS-232 Serial Communications). (Note: The 32A and 32DZ Series supports RS-485 communications only.

AC Voltage

-20 to 130°F
0-1000°F
0-200°F
4-20 mA
0-1V
0-100 mV

AC inputs.

Thermistor

Type K T/C
0-14 PH
Type K T/C

Minigraph Recorders combine compact size, durability, accuracy and low cost for an exceptional value. Units are widely used in applications ranging from commercial, industrial, and process to laboratory, field, marine, aerospace and more. Series 1200 Minigraph Recorders use a unique stylus which records on special pressure sensitive paper. No messy ink pens, reservoirs or ink cartridges are used, eliminating maintenance problems and data loss caused by dry pens.

Stock temperature recorders come complete with 6" long x 3/16" dia. K type thermocouple protected by a 304 SS sheath with 8 ft. fiberglass insulated cable. They will record a full 31 days of information on a single 62 ft. x 2-9/16" wide paper roll. Stock units operate from a 120 VAC power source; special units are available for 240 VAC or 12 VDC.

Minigraph Recorders

Temperature and Process Inputs

Series 1200