CENTER 500 502 RS-232 Graphic Recorder

TEMPERTURE/VOLTAGE/CURRENT

- **Grophic Print Out**
- **Text Print Out**
- **Easy Setup With Text Menu**
- Real Time Clock
- RS-232 Interface
- With Window Software
- 32,000 Recods Data logger

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CENTER 500 — RS-232/DATA LOGGER
TEMPERATURE GRAPHIC RECORDER

- Build in thermal printer for text and graphic printout.

- Dual 5 digits big font LCD display to provide simultaneous readout of T1 and T2.

- The easy access menu buttons and text area in the LCD display provide a simple and intuitive hierarchical menu operation for system setup.

- Button group for thermometer provides the direct access to the most commonly used functions for temperature measurement.

- Button group for printer provides the direct access to the most commonly used functions for printer control.

- Photo coupler isolated RS-232 port provides the direct connection of data flow to a personal computer with the Window based software.

- Dual inputs thermal couple connector provides two inputs for K and J type temperature sensors.

CENTER 502 — RS-232/DATA LOGGER
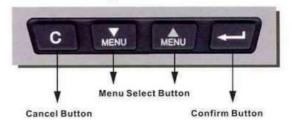## VOLTAGE/CURRENT GRAPHIC RECORDER

- Build in thermal printer for text and graphic printout.

- Dual digital display area to provide the present readout and the real time clock.

- The easy access menu buttons and text area in the LCD display provide a simple and intuitive hierarchical menu operation for system setup.

- Button group for meter control provides the direct access to the most commonly used functions for voltage and current measurement.

- Button group for printer provides direct access to the most commonly used functions for printer control.

- Photo coupler isolated RS-232 port provides the direct connection of data flow to a personal computer with the Windows based software.

- Standard voltage and current inputs terminal is used to connect the signal for measurement

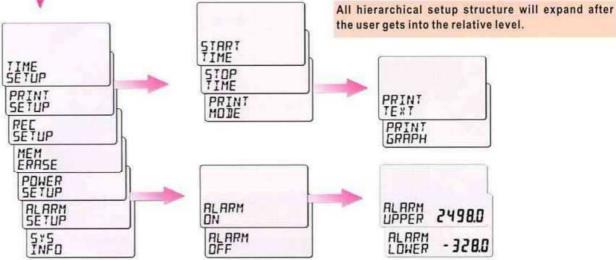# Easy Setup with Text Guide Menu

Text Area for Guide Message

Setup Control Button

Menu Select Button

Cancel Button   Confirm Button

Once the users get into setup, the text menu will guide the users through all the setup operations. The users just have to follow the hint and complete the whole setup. After all configurations, all setup data can be listed to the printer through SYS INFO command.

All hierarchical setup structure will expand after the user gets into the relative level.

TIME SETUP
PRINT SETUP
REC SETUP
MEM ERASE
POWER SETUP
ALARM SETUP
SYS INFO

START TIME
STOP TIME
PRINT MODE

PRINT TEXT
PRINT GRAPH

ALARM ON
ALARM OFF

ALARM UPPER   2498.0
ALARM LOWER   -328.0

Text and Graphic Printout

When the meter is at text printout mode, the output will include the start time, end time, Interval and recording data. The format will make it easy to track the variation of the data and the Actual recording time.
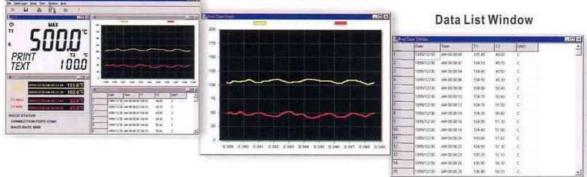
When the meter is at graphic printout mode, the start time, end time, and recording speed will be listed at first. In the graph, the Time scale will be labeled And printing scale is programmable.

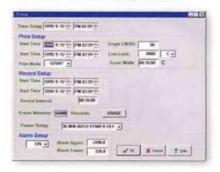# RS-232 Software for Windows 95/98 NT4.0

Main Control Window

Real Time Graphic Window

Data List Window

Data Logger Control Window

Parameter Setup Window

Specifications

* The specifications and other information in this catalogue are subject to change without prior notice.

Model	CENTER 500 Temperature RECORDER	CENTER 502 Voltage / Current RECORDER
Range	K Type: -200~1370℃ (-328~2498℉) J Type: -200~ 760℃ (-328~1400℉)	V ⎓ → 500mV, 5V, 50V mA ⎓ → 50mA, 500mA
Accuracy	-200~1370℃ ... ±0.1%rdg+0.8℃ -328~2498℉ ... ±0.1%rdg+1.6℉	ACV, ACmA... ±1%rdg+5 dgts DCV, DCmA... ±1%rdg+3 dgts
Resolution	0.1℃ / 0.1℉	0.1mV / 0.01mA
Memory	32,000 Records	50,000 Records
Input Protection	60V DC or 24Vrms Maximum	600Vrms Maximum
Operation Temp	0℃ ~50℃	
Storage Temp	-20℃ ~60℃	
Power Supply	Approx. 100Hours	
Battery Life	Size AA 1.5V× 6 Alkaline Batteries	
Dimensions	242(L)× 98(W)× 42(H)mm	
Weight	Approx. 580g	
Accessories	Carrying case, Operation manual, Battery, 9V Adapter, Thermal Paper, RS-232 Cable, Software for Windows, K Type bead sensor (CENTER 500), Test probe (CENTER502)	

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