

Rustrak Z55/Z55 Digilog T/C Miniature Strip Chart Recorders



The Rustrak Z55 (without display) and the Z55 Digilog (with LCD Display) recorders are versatile low cost solutions to many recording applications.

- **Large number of input ranges and T/C types are available.**
- **Uses pressure sensitive paper.**
- **No pens to refill or replace.**
- **Rugged construction**

Technical Data

Features

| | |
|-----------------------|---|
| Chart Speeds | 1"/Hr standard, 1/48" to 240"/Hr optional. Speed can be changed in field with plug-in gear trains available separately. |
| Printing System | Stylus on pressure sensitive chart paper (Striking paper based on chart speed for continuous line). |
| Power Supply | 120V/60Hz standard; 240/60Hz, 120V/50Hz, 240V/50Hz optional. |
| Recording Width | 288 (single channel): 2-5/16"; 291 (dual channel): (2) 1" Channels. |
| Chart Paper Feed | Internal re-roll or tear-off modes. (User configurable) |
| Accuracy | +/- 2% of span |
| Response Time | 1 Second maximum |
| Thermocouple Types | J, K E, S, T must specify thermocouple and range at time of order |
| Display | Digilog 55 only: 3-1/2 Digit 0.5" LCD Display |
| Misc | Cold junction compensation, thermocouple break protection and 1000 ohm maximum thermocouple loop resistance standard |
| Operating Environment | Indoor (Outdoor with suitable enclosure) |
| Operating Temperature | 0-60C (32-140F) |
| Storage Temperature | -40 to 70C (-40 to 158F) |
| Dimensions | 3-5/8"W x 5-5/8"H x 4-5/16D |
| Approximate Weight | 3.75 lbs. |

Common Input Ranges

Available T/C Types

J
K
E
R
S
T

| Ranges (•F) | Ranges (•C) |
|-------------|-------------|
| 0-250F | 0-150C |
| 250-500F | 150-300C |
| 0-600F | 0-300C |
| 600-1200F | 300-800C |
| 0-1000F | 0-400C |
| 1000-2000F | 400-800C |
| 0-1500F | 0-500C |
| 0-2000F | 500-1000C |
| 30-130F | 0-600C |
| 500-1000F | 0-800C |
| 0-100F | 0-1000C |
| | 0-50C |
| | 0-100C |
| | 0-200C |
| | 0-250C |
| | 0-1200C |



Note: Other ranges are available; Contact ISE with your requirements.

To order specify:

- 1) Model Z55 (without display) or Digilog-Z55 (with display)
- 2) Input range and Thermocouple type
- 3) Power supply voltage
- 4) Desired chart speed (1"/hour is standard)

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