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TECHNOLOGY GROUP

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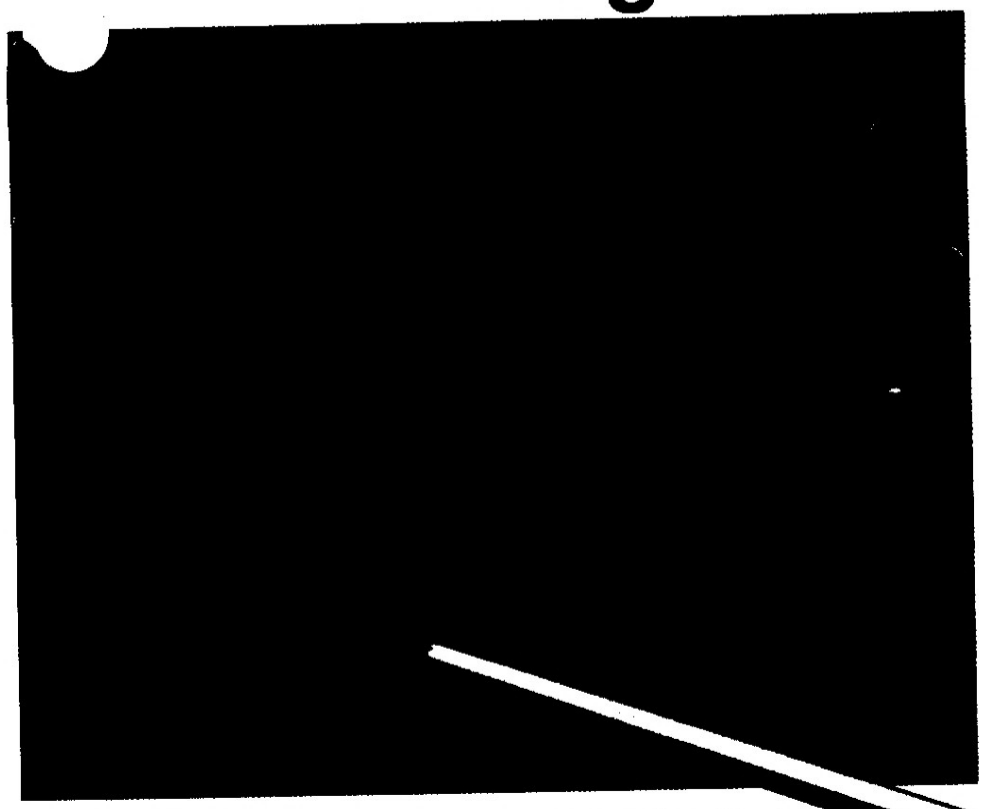
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Digital Thermometers
Model 115



- **Rugged ⅛" DIN Case**
- **Cold Junction Compensated**
- **Up to ±2°C Accuracy**
- **Linear Analog Output for Chart Recorders Standard**

The Model 115 Digital Thermometers are economical panel-mounted indicators with a standard analog output. Models are available with either J, K, T or E thermocouple input, with Fahrenheit or Celcius display. The 115 features large 0.56" LEDs with 3½ digits. The 115 can operate on either 115 or 230 V ac, and requires only 4.13" panel depth.

Model 115

$165

Specifications

Cold Junction Compensation: 0.05°F/°F (0.05°C/°C) ambient of 32 to 104°F (0 to 40°C)
Input Impedance: Greater than one megohm
Common Mode Rejection Ratio: 120 dB
Resolution: 1°C or 1°F
Output Accuracy: ±0.5% span
Operating Voltage: 117 V ac or 230 V ac ±15%, 50 or 60 Hz
Power Consumption: 1.75 Watts
Operating Temperature: 32 to 104°F
Output: Analog, 1 mV/°C or 0.556 mV/°F (0°F = 0 mV). Analog device must have input impedance of 10 k Ω
Display: 0.56 inch high LED
Dimensions: H: 1.9" (48 mm) × W: 3.8" (97 mm) × D: 4.13" (105 mm); 6.02" (153 mm) with metal case
Cutout: H: 1.772" (45 mm) × W: 3.622 (92 mm)

Bench Top Models

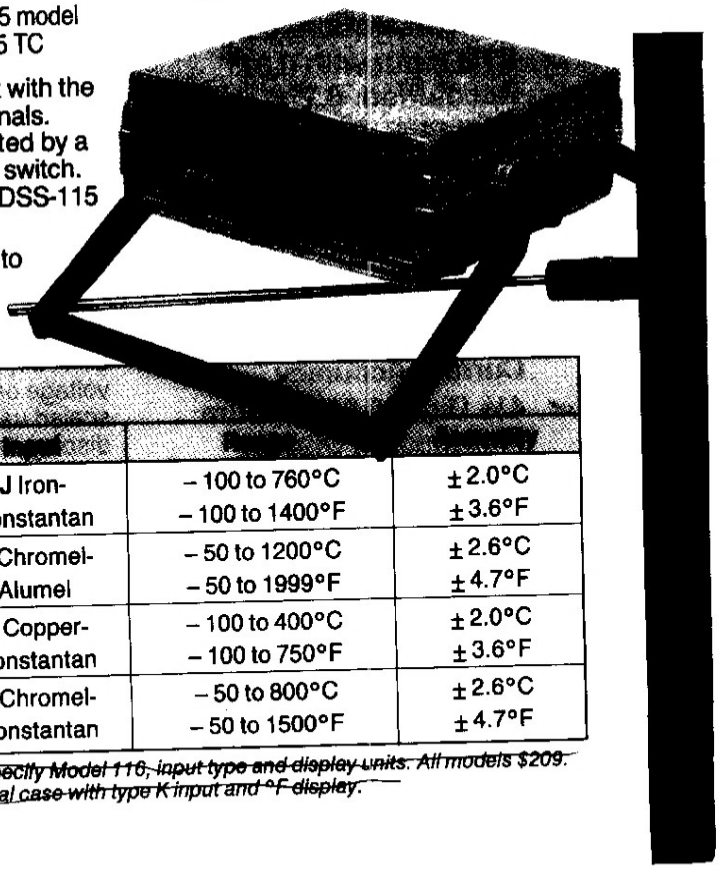
The DS-115 Digital Thermometer incorporates a 115 thermocouple thermometer in a bench top case. This single input unit features a pre-wired 115 Vac power cord, on/off switch and quick-disconnect thermocouple connector.

To order, add prefix "DS-" to 115 model no. $240 each. Example: DS-115 TC

The DSS-115 is a similar unit with the ability to monitor 10 input signals. The desired channel is selected by a 10 position front panel rotary switch. All thermocouple inputs to a DSS-115 are via screw terminals.

To order, add prefix "DSS-" to 115 model no. $290 each. Example: DSS-115TC

Model DS-115 Shown
single input. $240 each.
Model DSS-115
10 Inputs. $290



Model No.	Range	Type	Range	Accuracy
115 JC 115 JF		J Iron-Constantan	–100 to 760°C –100 to 1400°F	±2.0°C ±3.6°F
115 KC 115 KF		K Chromel-Alumel	–50 to 1200°C –50 to 1999°F	±2.6°C ±4.7°F
115 TC 115 TF		T Copper-Constantan	–100 to 400°C –100 to 750°F	±2.0°C ±3.6°F
115 EC 115 EF		E Chromel-Constantan	–50 to 800°C –50 to 1500°F	±2.6°C ±4.7°F

To order units with metal case, specify Model 116, input type and display units. All models $209. Example: 116KF; indicator in metal case with type K input and °F display.

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