Figure 1

SPECIFICATIONS

1. Power requirement: 9V block or 6F22 battery
2. Cables included: 10ft (3m) Thermocouple, 10ft (3m) Temperature Probe, 5ft (1.5m) Power Leads
3. Measurements made on Thermocouples up to 400°C
4. Input: 
   a. Voltage
   b. Current
   c. Resistance
5. Output: 
   a. Digital display
   b. Alarm
   c. Relay output
6. Dimensions: 150mm x 150mm x 40mm
7. Weight: 0.5kg

INTRODUCTION

This manual provides specifications, features, and instructions for the operation of the BK Precision model PT-990 Multimeter Temperature Adapter. Please read this manual carefully before using the product and keep it for future reference.

Instructions Manual

MULTIMETER TEMPERATURE ADAPTER

MODEL: PT-990

Limited Three Year Warranty

B&K Precision warrants to the original purchaser that this product is free from defects in materials and workmanship for a period of three years from the date of purchase.
Service Information

Maintenance

1. Before cleaning the product, turn the power off and unplug the power supply cord from the wall outlet.
2. Use a dry cloth to clean the product. Do not use benzine, thinner, or any other volatile substances.
3. Do not apply heavy pressure to the power supply cord or use with damaged power supply cord or plug.

Operating

1. Do not place any heavy objects on the product.
2. Do not use this product near water or bathroom.
3. Do not block the ventilation holes.
4. Do not place the product in an environment where the temperature or humidity is excessively high.
5. Do not disassemble or modify the product.

Warning

- Do not use with the plug cover removed.
- Do not allow water or other liquids to come into contact with the product.
- Do not place the product on an unstable surface.
- Do not place the product near heat sources, direct sunlight, or where it is subjected to excessive dust.
- Do not place the product in a humid environment.

Specifications

- Power Supply: 100-240V, 50-60Hz
- Input Power: 20W
- Output Power: 20W
- Operating Temperature: 0°C to 40°C
- Storage Temperature: -20°C to 60°C
- Humidity: 10% to 90% (No condensation)

Table: Temperature Measurements

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambient air</td>
<td>0°C to 40°C</td>
</tr>
<tr>
<td>Ambient air</td>
<td>20°C to 30°C</td>
</tr>
<tr>
<td>Ambient air</td>
<td>40°C to 50°C</td>
</tr>
<tr>
<td>Ambient air</td>
<td>50°C to 60°C</td>
</tr>
<tr>
<td>Ambient air</td>
<td>60°C to 70°C</td>
</tr>
<tr>
<td>Ambient air</td>
<td>70°C to 80°C</td>
</tr>
<tr>
<td>Ambient air</td>
<td>80°C to 90°C</td>
</tr>
</tbody>
</table>

Note: The product is designed to be used in a standard household environment.