OPERATING INSTRUCTIONS

INTRODUCTION
This instrument is a portable 3½ digit, compact-sized digital thermometer designed to use external K-type thermocouple as temperature sensor. Temperature indication follows Reference Temperature/Voltage Tables (N.I.S.T. Monograph 175 Revised to ITS-90) for K-type thermocouples.

SAFETY INFORMATION
It is recommended that you read the safety and operation instructions before using the thermometer.

WARNING
To avoid electrical shock, do not use this instrument when voltages at the measurement surface exceed 24V AC or DC.

CAUTION
Repeated sharp flexing can break the thermocouple leads. To prolong lead life, avoid sharp bends in the leads, especially near the connector.

OPERATOR MAINTENANCE

WARNING
To avoid possible electrical shock, disconnect the thermocouple connectors from the thermometer before removing the cover.

Battery Replacement
Power is supplied by a 9 volt "transistor" battery. (NEDA 1604, IEC GF22). The "E" appears on the LCD display when replacement is needed. To replace the battery, remove the two screws from the back of the meter and lift off the battery cover. Remove the battery from battery contacts.

Cleaning
Periodically wipe the case with a damp cloth and detergent, do not use abrasives or solvents.

LIMITED ONE YEAR WARRANTY
BK PRECISION warrants to the original purchaser that its product, and the component parts thereof, will be free from defects in workmanship and materials for a period of one year from the date of purchase.

BK PRECISION will, without charge, repair or replace, at its option, defective product or component parts upon delivery to an authorized BK PRECISION service contractor or to the factory service department, accompanied by proof of the purchase date in the form of a sales receipt.

GENERAL
Display: 3½ digit liquid crystal display (LCD) with maximum reading of 1999.
Battery: Standard 9V battery (NEDA 1604, IEC 6F22 006P).
Battery Life: 200 hours typical with carbon zinc battery.
Dimensions: 155mm(H) x 65.5mm(W) x 35mm(D).
Weight: 177g (including probe and batteries).
Supplied Probe: 4 foot type "K" thermocouple bead probe (teflon tape insulated). Maximum insulation temperature 260°C (500°F). Probe accuracy ±2.2°C or ±0.75% of reading (whichever is greater) from 0°C to 800°C.

OPERATING INSTRUCTIONS
Selecting the Temperature Scale
Readings are displayed in either degrees Celsius (°C) or degrees Fahrenheit (°F). Set the "°C °F" switch to change the temperature scale.

Selecting the Display Resolution
The thermometer allows two choices of resolution:
High resolution: 0.1°C or 0.1°F
Low resolution: 1.0°C or 1.0°F
To select the alternate display resolution, press the corresponding "0.1/1.1" key.

CUSTOMER SUPPORT
1-800-462-9832
Precision offers courteous, professional technical support before and after the sale of their test instruments. The following services are typical of those available from our toll-free telephone number:
- Technical advice on the use of your instrument.
- Technical advice on special applications of your instrument.
- Technical advice on selecting the best instrument for a given task.
- Instrument for information on optional accessories for your instrument.
- Information on instrument repair and recalibration services.
- Replacement parts ordering.
- Information on other BK PRECISION instruments.
- Requests for a new BK PRECISION catalog.
- The name of your nearest BK PRECISION distributor.
Call toll-free 1-800-462-9832
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