



DT20 MINIMUM/MAXIMUM THERMOMETER



UEI

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Beaverton, OR 97005
(503)644-8723

DT20 OPERATING INSTRUCTIONS

FEATURES

- Easy to read 3 1/2 digit LCD display
- Memory function: Maximum or minimum temperature measurements
- Resolution: 0.1°C, 0.2°F
- Runs on 1.5V AA battery
- Dual temperature range: -40° to 300°F/
-40° to 150°C
- Compact pocket size with carrying case
- Accuracy: $\pm 1.0^{\circ}\text{C}$
 $\pm 2.0^{\circ}\text{F}$
- Sensor : NTC Thermistor
- One Year Limited Warranty

SPECIFICATIONS

Temperature Ranges: -40° to 300°F
-40° to 150°C

Accuracy: $\pm 1.0^{\circ}\text{C}$
 $\pm 2.0^{\circ}\text{F}$

Resolution: 0.1°C, 0.2°F

General:

Display: 3 1/2 digit LCD, 0.435" high numerals,
Operating Temperature: 32° to 122°F/0° to 50°C
Operating Humidity: 80% max R.H.
Power Supply: 1.5V AA battery
Includes: Carrying case, battery, temperature probe, and instructions.

MEASURING PROCEDURES

Temperature Measurement

1. Depress the "ON/OFF" switch on the DT20 to turn the instrument on.
2. Depress the "C or F" switch on the DT20 depending on the desired function.
3. Place the tip of the temperature probe into the medium to be measured.
4. Allow 30 seconds for reading to stabilize in liquids, 2 minutes to stabilize in semisolids and circulating air.

Minimum/Maximum Temperature Measurement

NOTE: Follow reset procedures before the start of any measurement sequence where minimum and maximum temperatures are required. This includes when the measurement mode is changed from °F to °C or vice versa and the DT20 was already reset.

Setting Up DT20 for Minimum/Maximum Temperature Readings

1. Depress the °C or °F switch.
2. Place the tip of the temperature probe into the medium to be measured.
3. Allow 30 seconds for reading to stabilize in liquids, 2 minutes to stabilize in semisolids and air.
4. Follow minimum/maximum reset procedures.

Recall of Minimum/Maximum Temperatures

1. Depress the "MIN" or "MAX" push button on the DT20 at any time during the measurement sequence.
2. The "MIN" or "MAX" temperature will be displayed on the LCD for approximately five seconds before the DT20 switches back to normal mode.

Minimum/Maximum Reset Procedures

1. Depress the "MIN" and "MAX" push button on the DT20.
2. Hold the button down for five seconds.
3. Release the button.

Data Hold

1. Depress the "DATA HOLD" switch at any time during measurement to freeze the reading.
2. Depress the "DATA HOLD" switch again to release the reading

BATTERY REPLACEMENT

1. Remove two screws and back casing gently.
2. Replace 1.5V "AA" battery observing correct polarity.
3. Replace back casing and screws.

ACCESSORIES	STOCK NO.
AA battery 1.5V	AB1
Carrying case.....	AC21
Carrying case.....	AC22
Liquid probe.....	ATT55
Air probe.....	ATT56
Surface probe.....	ATT57
Extension probe.....	ATT58

RETURNING FOR REPAIR

Before returning your instrument for repair, please make a quick check to insure the failure is not due to the following:

Low or dead battery, defective probe

LIMITED ONE YEAR WARRANTY

This product is warranted to the purchaser against defects in material and workmanship for one year from the date of purchase.

What is covered: Repair parts and labor, or replacement at the company's option. Transportation charges to the purchaser.

What is not covered: Transportation charges to the company. Damages from abuse or improper maintenance, see operating instructions. Any other expense. Consequential damages, incidental damages, or incidental expenses, including damages to property. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

How to Obtain Warranty Performance:

Attach to the product your name, address, description of problem, phone number and proof of date of purchase. Package and return to:

Service Center
UEI
5500 S.W. Arctic Drive
Beaverton, Oregon 97005

Implied Warranties: Any implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to one year from date of purchase. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. To the extent any provision of this warranty is prohibited by federal and state law and cannot be preempted, it shall not be applicable. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Quality, Price & Service

that make a world of difference...

Measuring/Testing Equipment (Analog & Digital)

- **Watt Motors**
- **Transformers**
- **Relays**
- **Thermometers
(Bi-metal & Glass)**
- **Remote Reading
Thermometers
(Analog & Digital)**

Caution

To eliminate possibility of injury to operator and damage to the instrument and equipment, the following procedure is recommended. Exercise care and caution on all ranges, particularly the voltage ranges, and follow all standard published safety rules. Misuse, abuse and carelessness cannot be prevented by any written word and is fully the operator's responsibility.



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