

EC DECLARATION OF CONFORMITY 1

EC Declaration of Conformity

This is to certify that models 352/353/354 conform to the protection requirements of the council directive 89/336/EEC, in the approximation of laws of the member states relating to Electromagnetic compatibility by application of the following standards:

EN 50081-1 **1992 Emissions Standard**
EN 50082-1 **1992 Immunity Standard**

To ensure conformity with these standards, this instrument must be operated in accordance with the instructions and specifications given in this manual.

TECHNICAL DATA 3

Features and Benefits

Water Resistant Operates in any environment.
Auto Power Off Instrument automatically shuts off after 20 minutes of inactivity.

Specifications

Range with K-Type Thermocouple Probe

Range	Accuracy
-328° to 2462°F	±1%, ±4°F

Range with J-Type Thermocouple Probe

Range	Accuracy
-328° to 1832°F	±1%, ±4°F

General Specifications

Power Supply	9 Volt Battery
Battery Life	200 hrs. Typical
Size (HxLxW)	40mm x 190mm x 65mm (1.5" x 7.25" x 2.5")
Weight	315g (11.1 oz)

SAFETY CONSIDERATIONS 2

⚠ WARNING: Please follow manufacturers test procedures whenever possible. Make sure probe tip and shaft are thoroughly cleaned before inserting it into any food product.

GENERAL GUIDELINES

ALWAYS

- Test the 341/342 before using it to make sure it is operating properly.
- Inspect temperature probes before using to make sure there are no breaks or shorts.
- Double check all connections before testing.

NEVER

- Insert the probe into an electrically charged medium.
- Touch the probe tip and shaft after it has been inserted in hot material.

MEASUREMENT TECHNIQUES 4

1. Controls and Functions:

Push Buttons

- ① Turns the 341/342 on and off.
- C/F Selects Centigrade of Fahrenheit
- K/J Selects K or J type thermocouple.
- Min/Max Selects Min or Max reading
- REC Activates the Min/Max feature.
- 1/0.1 Selects resolution (341)
- T1/T2/ΔT Selects probe and differential mode (342)
- HOLD Freezes the reading on the LCD

2. Step by Step Procedures

- Connect the temperature probe to the 341/342.
- Turn the 341/342 on.
- Insert the tip of the probe into the substance being measured.
- Read the temperature on the LCD, allowing approximately 30 seconds for the reading to stabilize.

Temperature Tester 341/342 Instruction Manual



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Standard Accessories	Part No.
9V Battery	A009
4' Disposable k-type	GK11M
Rubber Boot	A303

Optional Accessories	Part No.
4' Disposable K-type w/oven clip	GK12M
Heavy duty surface	CK13M
Heavy duty surface, right angle	CK14M
Heavy duty chisel probe	FK14M
Heavy duty gas (air) probe	GK17M
Soft Carrying Case	A255

MAINTENANCE

- Battery Replacement:** The 341/342 will display battery symbol when the internal 9 Volt battery needs replacement. Replace battery as follows:
 - Disconnect and remove all temperature probes from 341/342.
 - Loosen the 4 screws from the back of the 341/342.
 - Remove the back cover.
 - Remove old battery and replace it with new battery.
 - Reassemble instrument in reverse order from above.
- Cleaning your 341/342**
Use a mild detergent and slightly damp cloth to clean the surfaces of 341/342.