

Temperature Tester 341/342

Instruction Manual



Test Products International, Inc.

9615 SW Allen Blvd., Ste. 104
Beaverton, OR USA 97005
503-520-9197 • Fax: 503-520-1225
info@testproductsintl.com

Test Products International, Ltd.

342 Bronte Road South, Unit 9
Milton, Ontario L9T5B7
Canada
905-693-8558 • Fax: 905-693-0888

Test Products International UK Ltd

Longley House
East Park
Crawley, West Sussex RH10 6AP England
Tel: 01293 561212 • Fax: 01293 813465

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.



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.

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)

1. Controls and Functions:

Push Buttons

ⓘ	Turns the 341/342 on and off.
C/F	Selects Centigrade or 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/ Δ T	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.

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.