

EZTEST®

SELF-CONTAINED BIOLOGICAL INDICATORS

ATCC 7953 *B. stearothermophilus*; ATCC 9372 *B. subtilis*

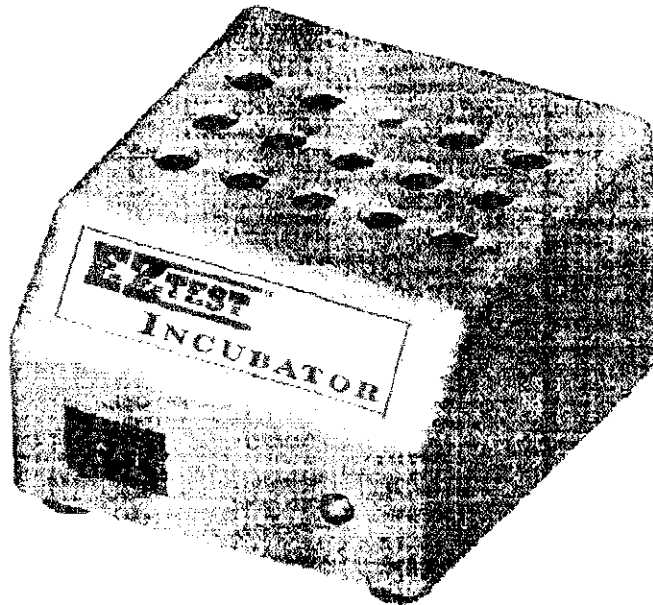
- EZTest contains a known quantity of bacterial spores inoculated onto filter paper and placed inside a plastic culture with a crushable glass ampule containing the culture medium.
- Available for steam processes and contains the spores of *Bacillus stearothermophilus*. A chemical indicator on the label changes color from blue to black when sterilization exposure has occurred.
- Available for ethylene oxide gas processes and contains the spores of *Bacillus subtilis*. A chemical indicator on the label changes from yellow to blue when sterilization exposure has occurred.

Instructions for Use:

1. Place the EZTest biological indicator in the most difficult to sterilize location of the load.
2. Place a sufficient number of EZTest biological indicators throughout the load to be sterilized. NOTE: This number will vary depending on the regulations being met but never less than two is recommended. Ten units per cycle is commonly used.
1. Expose the load to the sterilization cycle.
2. After sterilizing, send test units to the test laboratory along with at least one non-sterilized unit marked POSITIVE CONTROL.
3. Following exposure, remove the EZTest biological indicators as soon as the load cools or has been aerated.
4. Crush the glass culture medium ampule to activate the culture system.
5. Place in appropriate incubator for 48 hours:
 - a) *Bacillus subtilis* - ethylene oxide 35-39°C
 - b) *Bacillus stearothermophilus* - steam 55-60°C

INCUBATORS

- Dual Temperatures (37°C & 57°C)
- Pulsing light indicates temperature is maintained
- Illuminated power on/off
- Highly reliable dry heat block for even heat distribution
- Thermometer NIST traceable



Incubators are available as follows:

	<u>Cat. No.</u>
14 Cavity Incubator	I/14
Power Pack US	14/P1*
Power Pack European	14/P2*
Power Pack Australian	14/P3*
Thermometer	14/T1**

*Power Packs are included with the incubator.

**Thermometers are sold separately.

6. If the spores survive the sterilization cycle, the culture medium will turn to yellow (positive). If the spores have been killed, the culture medium will remain the original color (red - ethylene oxide; purple - steam). NOTE: It is best to read results approximately every 12 to 24 hours. All positive (yellow) samples should be recorded and discarded immediately. All yellow samples should be autoclaved prior to disposal.
7. Record test results.
8. Autoclave all positive samples prior to disposal.

EZTest Advantages:

- Convenient to culture
- Results are final in 48 hours
- Dramatic color change for positive cultures
- No special laboratory is necessary for culturing

Certification:

EZTest biological indicators are certified for ATCC number, population, D-value, Z-value and performance. Product is manufactured in compliance to USP, ISO 11138, and EN 866.

EZTest Biological Indicators are available as follows:

	Units per box	Cat No.
EZTest Steam <i>B. stearothermophilus</i> 10 ⁵	100	EZS/5
EZTest Steam <i>B. stearothermophilus</i> 10 ⁶	100	EZS/6
EZTest EO - Gas <i>B. subtilis</i> 10 ⁶	100	EZG/6

Storage: Controlled, room temperature (15-30°C)
Expiration: 18 months from date of manufacture