

MesaStrip®

Mesa Labs Biological Indicators

DESCRIPTION

MesaStrip is a conventional paper strip biological indicator for monitoring steam, low temperature steam, ethylene oxide, dry heat, chlorine dioxide, ozone and gamma radiation industrial sterilization processes.

MesaStrip contains bacterial spores on a filter paper carrier sealed within a convenient, peel-open glassine or Tyvek envelope.

To use a MesaStrip, simply place the envelope inside a product or product package. This “inoculated package” is placed in a sterilizer and processed. Upon removal from the sterilizer, the inoculated package is sent to the microbiology laboratory for transfer of the MesaStrip. The biological indicator is to be aseptically cultured in soybean casein digest medium and incubated at the appropriate temperature.

- » Autoclave Validations
- » EtO Sterilization
- » Steam Applications
- » Irradiation Sterilization
- » Multiple Species Available



STORAGE

- » Store at room temperature

CERTIFICATION

MesaStrip biological indicators are traceable to a recognized culture collection and certified for population, D-value (Steam, Low Temperature Steam, EtO, Dry Heat, Gamma Radiation) and Z-value (Steam and Dry Heat).

| Reorder # | Process | Species | Population |
|-----------|-----------------------------|-----------------------------------|-----------------|
| SGMS/5 | Steam | <i>G. stearothermophilus</i> 7953 | 10 ⁵ |
| SGMS/6 | Steam | <i>G. stearothermophilus</i> 7953 | 10 ⁶ |
| SGMSU/6 | Low Temperature Steam | <i>B. subtilis</i> (5230) 35021 | 10 ⁶ |
| SGMG/6 | Ethylene Oxide and Dry Heat | <i>B. atrophaeus</i> 9372 | 10 ⁶ |
| SGMR/6 | Gamma Radiation | <i>B. pumilus</i> 27142 | 10 ⁶ |
| ACD/6 | Chlorine Dioxide | <i>B. atrophaeus</i> 9372 | 10 ⁶ |
| AOZ/3T | Ozone | <i>B. atrophaeus</i> 9372 | 10 ³ |
| OZA/4T | Ozone | <i>B. atrophaeus</i> 9372 | 10 ⁴ |
| AOZ/6T | Ozone | <i>B. atrophaeus</i> 9372 | 10 ⁶ |