

Chemical Indicators

Mesa offers a variety ISO 11140 compliant chemical indicators for Steam, Hydrogen Peroxide and Dry Heat.

Chemical indicators are a device designed to respond with a chemical or physical change to the presence or attainment of one or more of the physical conditions within the sterilizing chamber.

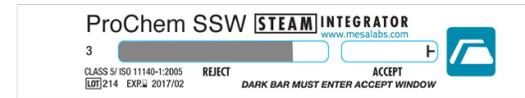
ANSI/AAMI ST79 states,

“Chemical indicators verify that one or more conditions necessary for the sterilization have been achieved within the package and/or specific location within the load. Biological indicators verify that the conditions at a location within the load were adequate to kill a population of microorganisms resistant to the sterilization process and demonstrate the lethality of the sterilization process.”



PROCHEM SSW – STEAM TYPE 5 INTEGRATING INDICATOR

- Moving front Integrator, no interpretation necessary
- Effective across the normal sterilization range
- Parallels the performance of a biological indicator
- Conforms to applicable portions of ISO 11140-1
- Catalog # CI-SSW (250 indicators/box)
- 5 year expiry



PROCHEM OK – STEAM TYPE 5 INTEGRATING INDICATOR

- International use only
- Pre-vacuum sterilizers operating at 121°C and 134°C
- Multiple spots with varied timing
- Single indicator suitable for multiple cycle lengths
- Conforms to applicable portions of ISO 11140-1
- Catalog # CI-OK (250 indicators/box)
- 2 year expiry



PROCHEM SSI – STEAM TYPE 4 MULTIVARIABLE INDICATOR

- International use only
- Color change from white to black within 3 minutes or longer at 132 - 135°C
- Instant visual confirmation saturated steam has penetrated pack or pouch
- Indicator perforated for use as one 8" strip or two 4" strips
- Conforms to applicable portions of ISO 11140-1
- Catalog # CI-SINT (250 indicators/box)
- 3 year expiry



PROCHEM DRY HEAT INDICATOR LABELS – DRY HEAT TYPE 4 MULTIVARIABLE INDICATOR

- Color change from green to dark brown/black within 10 minutes at 160°C
- Distinguishes between processed and unprocessed items
- Conforms to applicable portions of ISO 11140-1
- Catalog # CI-DHI (1,000 indicators/roll)
- 3 year expiry



TWINDICATOR – STEAM TYPE 4 MULTIVARIABLE INDICATOR

- Color change from white to black at 121°C to 134°C
- Instant visual confirmation saturated steam has penetrated pack or pouch
- Indicator perforated for use as one 8" strip or two 4" strips
- Conforms to applicable portions of ISO 11140-1
- Catalog # CI-TWN250 (Box of 250)
- 4 year expiry



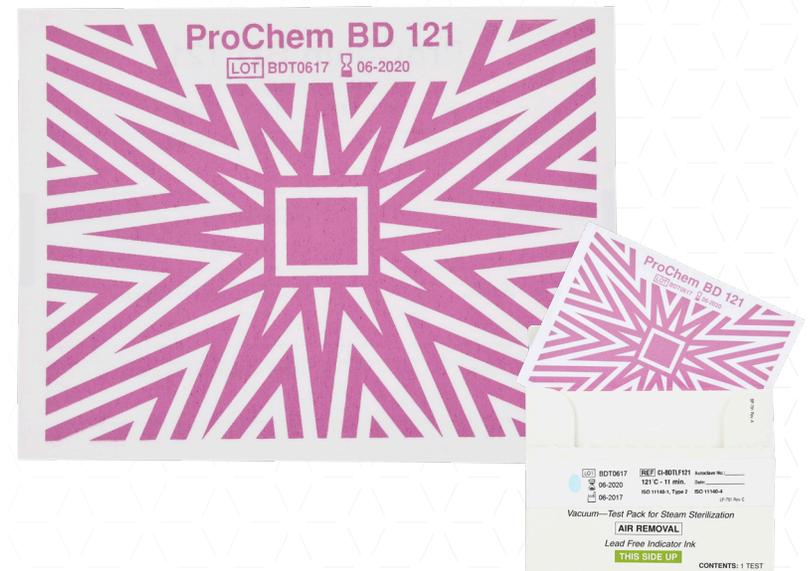
BOWIE DICK TYPE TESTS - PROCHEM BD TYPE 2

- Preassembled, disposable test pack
- Distinct, non-reversible pink to black color change
- 3.5 minutes at 132°C in a pre-vacuum steam sterilizer
- Conforms to applicable portions of ANSI/AMMI/ISO 11140-5
- Catalog # CI-BDTLF-20 (Box of 20 test packs)
- Catalog # CI-BDTLF (Case of 80 test packs)
- 3 year expiry



BOWIE DICK TYPE TESTS - PROCHEM BD121 TYPE 2

- International use only
- Preassembled, disposable test pack
- Distinct, non-reversible pink to black color change
- 11 minutes at 121°C in a pre-vacuum steam sterilizer
- Conforms to applicable portions of ISO 11140-1 and ISO 11140-4
- Catalog # CI-BDTLF-121-20 (Box of 20 test packs)
- Catalog # CI-BDTLF-121 (Case of 80 test packs)
- 3 year expiry



BOWIE DICK TYPE TESTS – BOWIE DICK GREEN CARD TYPE 2

- International use only
- Environmentally friendly reusable aluminum holder
- Distinct, non-reversible purple to green color change
- 3.5 minutes at 134°C in a pre-vacuum steam sterilizer
- Conforms to applicable portions of ISO 11140-4
- Catalog # CI-BD134SK (1 reusable holder and 30 test cards)
- Catalog # CI-BD134 (120 test cards)
- Catalog # CI-BD134-30 (30 test cards)
- Catalog # CI-BD134TH (1 reusable holder)
- 2 year expiry



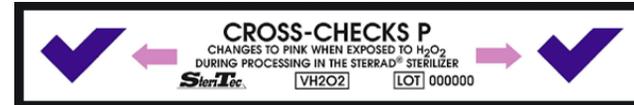
BOWIE DICK TYPE TESTS - PROCHEM BD110 TYPE 2

- International use only
- Individual Type 2 test sheets for use in towel pack or reusable test pack
- Distinct, non-reversible blue to black color change
- 3.5 minutes at 134°C in a pre-vacuum steam sterilizer
- Conforms to applicable portions of ISO 11140-1 and ISO 11140-3
- Catalog # CI-BD110 (100 sheets/package)
- 3 year expiry



CROSS-CHECKS P – TYPE 1 PROCESS INDICATOR

- International use only
- For use in a hydrogen peroxide sterilizer
- Color change from purple to pink within 30 minutes of exposure
- Distinguishes between processed and unprocessed items
- Manufactured in compliance with FDA 21 CFR Part 820
- Catalog # CI-VHP (24 bags of 250)
- 2 year expiry





For product or ordering information:
biologicalindicators.mesalabs.com • bicustomerservice@mesalabs.com
ph: 406.585.9535 or 877.746.8883 • fx: 406.585.9219

Sterilization and Disinfection Control Manufacturing: 625 Zoot Way, Bozeman, MT 59718
Corporate Headquarters: 12100 West 6th Avenue Lakewood, CO 80228
ph: 800.992.6372 • 303.987.8000 x 10040 • fx: 303.987.8989

All products manufactured by Mesa Labs are done so in accordance with current Quality System Regulations of the United States Food and Drug Administration and meet the standards established by USP and ISO 11138. Mesa Labs' Quality System is registered to ISO 13485:2016 standards. See Mesa Labs Standard Terms and Conditions at www.mesalabs.com/terms-conditions.