

SHINVA



CIMA[®]
Industries Inc.
Pharmaceutical Equipment

LOW TEMPERATURE STERILIZATION CHECKING DISPOSABLE CONSUMABLES ✿



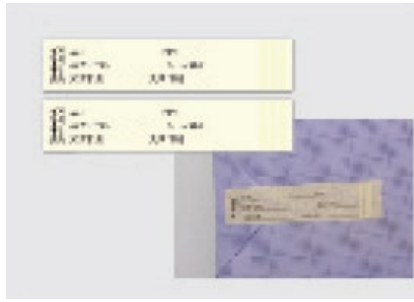
*Integral solutions
in medical equipment*

TYPE 1 CHEMICAL INDICATOR - PARCEL OUTER-TEST

These process indicators are used for checking whether the articles or instrument parcels are sterilized.



- Pressure-steam sterilization chemical indicating tape.



- Pressure-steam sterilization crepe paper label.



- Pressure-steam sterilization container label.



- Label for traceability system use.



- Label for hand marking machine use.



TYPE 11 CHEMICAL INDICATOR- B-0 TEST

These indicators are used for specific testing process of certain sterilizer.

B-D test vacuum indicators

These indicators are used for pre-vacuum pressure steam sterilizer to test vacuum performance and whether steam can penetrate the resting parcel smoothly.



B-D test vacuum tester

Qualified

Unqualified

Tally book



Disposable B-D testing bag

Qualified

Unqualified

Tally book

TYPE 111 CHEMICAL INDICATOR- SINGLE-PARAMETER CHEMICAL INDICATOR

It is used for single-parameter chemical indicator during the sterilizing test process.



TYPE IV CHEMICAL INDICATOR- MULTI-PARAMETER PARCEL INNER-TEST

Multi-parameter indicators are used for testing two or more sterilizing parameters during the sterilizing test process. This kind of integrated indicators is applicable for testing sterilizing performances. Under the effect of saturated steam, the color of indicator turns to standard color or even darker means the test is qualified.

121°C pressure-steam sterilization chemical indicator.

It is kind of integrated indicator that used for testing performance of 121°C pressure steam sterilization.

132°C pressure-steam sterilization chemical indicator

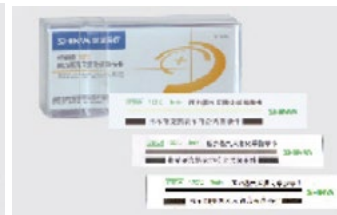
It is kind of integrated indicator that used for testing performance of 132°C (of above) pressure steam sterilization.



Size: 140mmx16mm,
elongated strip.



I type size: 140mmx18mm,
elongated strip.



II type size: 100mmx18mm,
elongated strip, suitable for
normal sterilizing parcel.



III type size: 54mmx21mm,
elongated strip, suitable for
small-size sterilizing parcel.

TYPE V CHEMICAL INDICATOR - INTEGRATED CHEMICAL INNER-TEST

This kind of integrated indicators is used for testing sterilizing parameters during the sterilization process.

"Creeping" chemical indicator

Features

- Applicable for key parameters of all pressure steam sterilizers.
- It has the same test effect with high-accuracy chemical indicator.
- For implantable instrument, it can be used as the evidence of early release.
- Accurately check the sterilization eligibility through the color moving.
- Waterproof design which is used for instrument parcels and paper-plastic packing bags.
- 200 pieces/pack, suitable for any level of hospital.
- Convenient pack with thermal plastic seal and sealing strip.



BATCHING TEST

This kind of indicator is used for batching test during the process. It is divided into chemical testing pack (for dressing) and process testing device (for lumen instrument).

Chemical testing pack

Features

- It is the sterilizing result without operating the parcel.
- For implantable instrument, it can be used as the evidence of early release.
- The special tally book is provided for recording.
- Application: it is suitable for sterilizing performance batching test of 121°C gravitational exhausting sterilizer and 132°C vacuum sterilizer.



Test device for pressure steam sterilization process

- It has accurate and synchronous simulation effect for lumen instrument of those instrument with complete structure.
- It shows the sterilizing result without opening the parcel.
- There is ventilate film covers on the indicating link for long time keep.
- The testing card has sticker in the back for sticking sterilizing record.
- It adopts the material that has good thermal stability, high pressure resistant and moisture-proof. It has good sealing effect and is reusable for least 200 times.
- Application: It is suitable for sterilizing performance batching test of 132°C vacuum sterilizer.



Standard biological testing pack for pressure steam sterilization

- It adopts thermophilic fat spore bacillus ATCC 7953.
- Disposable pack design, no need of self-made standard testing pack.
- It effectively saves time room, and is also suitable for small-size sterilization.
- The build-in biological indicator can avoid secondary contamination.
- The incubation can be finished within 48 hrs.
- Application: it is suitable for sterilizing performance batching test of 121°C gravitational exhausting and 132°C vacuum sterilizer.



Integrated testing pack for pressure steam sterilization

- It contains a type V chemical indicator and a normal biological indicator.
- The biological indicator adopts thermophilic fat spore bacillus ATCC 7953. The incubation can be finished within 48 hrs. The build-in biological indicator can avoid secondary contamination.
- Disposable pack design, no need of self-made standard testing pack.
- For the emergent situation, the "Creeping" chemical indicator can be used as the evidence of early release.
- It effectively saves time and room, and is also suitable for small-size sterilizer.



Biological indicator for pressure steam sterilization

- It adopts thermophilic fat spore ATCC 7953.
- The build-in biological indicator can avoid secondary contamination.
- The incubation can be finished within 48 hrs.
- Application: It is suitable for sterilizing performance batching test of 121°C gravitational exhausting sterilizer and 132°C vacuum sterilizer.



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