INSTRUCTIONS FOR USE
KRBD-118 Bowie-Dick Test Card

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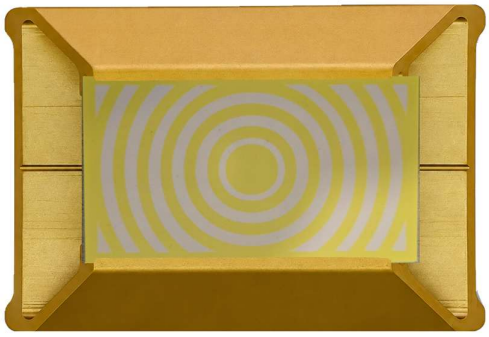

Product code	KRBD-118	Brand	EEP
Indicator	Type 2 Bowie-Dick test card	**Card size**	50 × 90 mm
Pack contents	30 single-use cards	**Holder**	Reusable aluminum holder, supplied separately
Use frequency	Daily, before first load	**Sterilizer type**	Pre-vacuum steam sterilizers
Test cycle	134 °C / 3.5 min	**Pass endpoint**	Black, dark gray, or dark brown; no yellow remains
Shelf life	48 months from manufacture	**Storage**	15–30 °C; original zip-lock pouch
Device status	Non-sterile	**Classification**	Class B per product list

1. Intended purpose

KRBD-118 is a Type 2 Bowie-Dick test card intended for routine daily performance monitoring of pre-vacuum (dynamic-air-removal) steam sterilizers. Used with the dedicated reusable aluminum holder, it assesses air removal and steam penetration under the specified test cycle. It is not a load sterilization indicator and does not by itself prove sterility or replace routine load monitoring, validation, or maintenance.

2. Product configuration and cycle conditions

Each pack contains 30 disposable indicator cards. Use one new card for each test. The aluminum holder is supplied separately and is reusable. Run the test at 134 °C for 3.5 minutes in an empty chamber before the first processing/load cycle of the day. Use only in pre-vacuum steam sterilizers.

3. Procedure

Confirm that the chamber is empty and that the sterilizer is ready for the daily test. Follow the sterilizer manufacturer’s instructions for any required warm-up or conditioning.

Insert one unused KRBD-118 card into the dedicated aluminum holder as designed. Either orientation is acceptable. Place the card face upward if you want to see the result without turning it over.

Position the loaded holder in the chamber as specified by the sterilizer manufacturer and the facility's approved Bowie-Dick procedure.

Run the 134 °C, 3.5-minute test cycle. Do not process instruments or other loads in the chamber during this test. Follow the sterilizer manufacturer's instructions for cycle selection and any drying phase.

At cycle completion, use heat-insulating gloves to remove the holder and card. The assembly may be hot. Allow it to cool enough for safe handling and interpretation.

Examine the indicator under adequate lighting. Record the required test details on the reverse of the card.

4. Interpretation of results

PASS: All yellow indicator areas have changed completely and uniformly to a dark endpoint. Black, dark gray, or dark brown is acceptable.

FAIL: Any yellow remains anywhere on the indicator. Treat partial, uneven, or unclear color change as a failed or invalid test. Do not release the sterilizer for routine operation on the basis of a failed result.

5. Action after a failed result

Remove the sterilizer from operational service. Follow the sterilizer manufacturer's troubleshooting and service procedure and applicable national requirements. Arrange inspection and service before returning the sterilizer to operation. Check that the indicator was transported and stored correctly and was within its expiry date. Record the failure and actions taken. A failed Bowie-Dick test indicates that performance requires investigation; it does not, by itself, identify the cause.

6. Documentation and retention

Use the fields printed on the reverse of the card to record sterilizer identification, cycle number, date, operator, and pass/fail result. Retain the used card as part of the sterilizer's routine test record. You may keep the card in a commonly available business-card album if the album keeps it clean, dry, protected from direct light, and legible. Follow the facility's record-retention policy and applicable national requirements.

7. Storage and transport

Store unused cards at ambient temperature (15–30 °C) in the original zip-lock pouch. Keep the pouch closed between uses. Protect cards from direct sunlight and other strong light, moisture, detergents, oxidizing agents, and disinfectants. Transport cards in the closed original pouch and protect them from contamination, crushing, and environmental exposure. Do not use damaged, contaminated, wet, or expired cards.

8. Warnings and limitations

For professional use by trained CSSD and sterilization personnel only.

Use one new card for each test. Do not reuse a processed card.

Use KRBD-118 only with its dedicated reusable aluminum holder and only for the specified pre-vacuum steam test.

The holder and card may be hot after the cycle. Use heat-insulating gloves.

A passing result does not confirm that every load or device is sterile. Continue all required process monitoring and release procedures.

Do not use this card to test gravity-displacement sterilizers or other sterilization processes.

9. Disposal

Dispose of used cards and damaged items according to facility procedures and applicable local requirements. Do not return used cards to the unused-card pouch.

9. Manufacturer and contact

Legal manufacturer: Krinmed Khavarmianeh Inc.
Brand: EEP
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