

DIRECTIONS FOR USE



Chemical Indicator Type 4 for Hydrogen Peroxide according to EN ISO 11140-1

VH202

| Art.-No. | Quantity [pc] | Product Code | Colour Change | Product Description |
|----------|---------------|--------------|---------------|---|
| 214-221 | 400 | C-V-P-SV9 | Blue → Green | Multivariable Indicator (internal indicator) 65x14 mm |
| 214-223 | 3.200 | | | |
| 214-241 | 400 | C-V-P-SV7 | | |
| 214-243 | 3.200 | | | |

Application

The GKE Steri-Record® H₂O₂ chemical indicators are used to monitor sterilization processes with vaporized hydrogen peroxide. The indicators are placed into packages. To select the appropriate indicator, we recommend testing both indicators simultaneously at the beginning and selecting the appropriate indicator for routine monitoring. For more details, the measurement of the dose is described in the GKE technical information 730-157.

Product Description

The indicators consist of a plastic carrier, each contain one indicator dot and are self-adhesive for documentation. They are available with two different sensitivities. The chemical substances of the indicator are protected to bleed by a polymer binder coating and therefore, do not release toxic substances.

Performance Characteristics

The indicators are in accordance with EN ISO 11140-1 Type 4. Since there is currently no international standardization for H₂O₂ measurements, the indicator is measured in a test sterilizer developed by GKE. The test procedure is described in GKE's technical information 730-181.

Handling Information

1. Take out indicator from the sheet.
2. Place indicator at the most difficult location inside of the package.
3. Run the sterilization process.
4. After completion remove the indicator and check the result. Use the reference colour chart for interpretation.

| Art.-No. | Indicator starting colour | Indicator final colour |
|--------------------|--|--|
| 214-221 214-223 | Hydrogen Peroxide Indicator EN ISO 11140-1 Type 4 VH202 C-V-P-SV9 LOT 1014214900 12-2024 blue → green | Hydrogen Peroxide Indicator EN ISO 11140-1 Type 4 VH202 C-V-P-SV9 LOT 1014214900 12-2024 blue → green |
| 214-241 214-243 | Hydrogen Peroxide Indicator EN ISO 11140-1 Type 4 VH202 C-V-P-SV7 LOT 1170214900 12-2024 blue → green | Hydrogen Peroxide Indicator EN ISO 11140-1 Type 4 VH202 C-V-P-SV7 LOT 1170214900 12-2024 blue → green |

5. The indicator is self-adhesive and shall be adhered in the documentation sheet.

Storage and Disposal

1. Store all indicators in the original package and away from sterilizer or sterilizing agent. Ideally, keep in a separate room.
2. Store indicators always between 5-30 °C or 41 - 86°F and a humidity of 5 - 80% RH.
3. The vapour of chemicals, especially hydrogen peroxide, may change the indicator before or after sterilization. Therefore, do not store them together with other chemicals.
4. The indicators should not be used after expiry date. They may be disposed with normal waste.

For further technical details please contact your local dealer or GKE directly. We will assist you with any technical questions. Visit our website www.gke.eu for more information.

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