

## 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® H<sub>2</sub>O<sub>2</sub> 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 H<sub>2</sub>O<sub>2</sub> 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 <b>VH202</b>  C-V-P-SV9 <b>LOT</b> 1014214900  12-2024 blue → green	 Hydrogen Peroxide Indicator EN ISO 11140-1 Type 4 <b>VH202</b>  C-V-P-SV9 <b>LOT</b> 1014214900  12-2024 blue → green
214-241 214-243	 Hydrogen Peroxide Indicator EN ISO 11140-1 Type 4 <b>VH202</b>  C-V-P-SV7 <b>LOT</b> 1170214900  12-2024 blue → green	 Hydrogen Peroxide Indicator EN ISO 11140-1 Type 4 <b>VH202</b>  C-V-P-SV7 <b>LOT</b> 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](http://www.gke.eu) for more information.

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