

# INTERPRETATION GUIDE — STEAM CHART 121°/134°C

Sterilization Indicator



121°C

## UNEXPOSED

Steam Chart Integrators turn color from Purple to Green when all three parameters for steam sterilization have been met: Temperature, Time and the presence of saturated steam.

Sterilization Indicator



134°C

Sterilization Indicator



121°C

## CORRECT COLOR CHANGE

If the first three spots of the steam chart 121 indicator turn green or if the first two spots of the steam chart 134 turn green, sterilization conditions have been met.

Sterilization Indicator



134°C

Sterilization Indicator



STEAM CHART 121°C

121°C

## INSUFFICIENT

If the first spot or the first and second spot of the steam chart 121 indicator turn green but not the third spot, exposure to steam sterilization is insufficient. If the first spot of the steam chart 134 indicator turns green but not the second spot, exposure to steam is insufficient. Indicators will not complete their color change if excess air is present in the sterilizer.

Sterilization Indicator



STEAM CHART 134°C

134°C

Sterilization Indicator



STEAM CHART 121°C

121°C

## EXCESSIVE STERILIZATION

If all of the spots of either indicator turn completely green, including the last dot, excessive exposure to sterilization processing is indicated. Excessive sterilization exposure can cause premature wearing of instruments and wastes energy.

Sterilization Indicator



STEAM CHART 134°C

134°C

Sterilization Indicator



STEAM CHART 121°C

121°C

## WET STEAM

If the purple/green color appears blurry and/or the plastic laminate bubbles, wet steam conditions are indicated. Wet steam or excess condensate can prevent sterilization conditions from being met.

Sterilization Indicator



STEAM CHART 134°C

134°C

Sterilization Indicator



STEAM CHART 121°C

121°C

## DRY (SUPERHEATED) STEAM

If the indicator spots turn brown or black, superheated steam is indicated. Superheated steam can prevent sterilization conditions from being met.

Sterilization Indicator



STEAM CHART 134°C

134°C

**SteriTec**

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MK-021 Rev. A