



EO Indicator Strip

Internal Monitoring for EO Loads. · SKU KD-IS-EO

Type 4 chemical indicator strip for ethylene oxide sterilization. Placed inside the pack, the indicator changes from red to blue when exposed to the stated EO concentration, humidity, temperature and time.

The EO Indicator Strip is an internal chemical indicator for ethylene oxide sterilization. It is placed inside pouches, packs or cartons and responds to the combination of EO gas concentration, relative humidity, temperature and exposure time, changing from red to blue when the stated values are reached.

Together with EO indicator tape on the outside of the pack and biological indicators for load release, it forms a complete EO monitoring system for hospitals and device manufacturers.



Specifications

Product Name	Chemical EO Indicator Strip
Indicator Type	ISO 11140-1 Type 4 multi-variable indicator
Sterilization Method	Ethylene oxide (EO)
Stated Values	600 mg/L EO, 60 % RH, 30 °C, 30 min · 600 mg/L EO, 60 % RH, 54 °C, 20 min
Colour Change	Initial red → final blue
Strip Size	15 mm × 85 mm
Packing	200 strips per box
Country of Origin	China
Compliance	ISO 11140-1 Type 4, manufactured under ISO 13485; CE
Shelf Life	3 years from date of manufacture

Features

Multi-variable (Type 4) · Red → blue · Heavy-metal free · EO chambers · ISO 11140-1

How to use

- Place one strip inside each pack or in the most challenging location of the load.
- Run the validated EO cycle and aeration.
- Confirm the change from red to blue at the point of use.

Applications

EO sterilization of heat- and moisture-sensitive devices in hospitals and manufacturing plants.

Packaging & shipping

Strip size	Packing	Boxes / carton	Carton size (mm)
15 × 85 mm	200 strips/box	100	400 × 300 × 250

Compliance



ISO 13485, ISO 11140, CE. Manufactured under an ISO 13485 quality management system. Certificates and test reports available on request.

FAQ

Do EO indicator strips need aeration before reading?

The colour change is complete at the end of the exposure phase, but packs should always be aerated according to the sterilizer manufacturer's instructions before handling.

Request a quotation: <https://kangdemed.com/request-quote?product=eo-indicator-strip> · Jason.wangxiaokang@gmail.com · WhatsApp +86 199 5663 5178