

TCI 012 – MOVING FRONT INTEGRATOR INDICATOR (CLASS 5)

INTENDED USE

Steam Chemical Integrators – TCI 012



PRODUCT FEATURE

TM Media Steam Chemical Integrators are Type 5 Integrating Indicators as categorized by ISO 11140-1:2014. TM Media Steam Chemical Integrators are single-use chemical indicators consisting of a paper wick and a steam and temperature sensitive chemical pellet contained in a paper/Film/foil laminate. The chemical pellet melts and migrates as a dark color along the paper wick. The migration is visible through a window marked ACCEPT or a window marked REJECT; the extent of migration depends on steam, time, and temperature.

INDICATION FOR USE

Use TM Media Steam Chemical Integrators as an internal pack control to monitor all 121° C~135°C steam sterilization cycles.

PERFORMANCE CHARACTERISTICS

Reference Color Change Conditions	ILLUSTRATION
<p>Saturated steam, 121 °C, ≥16.5 mins; Saturated steam, 135 °C, ≥1.2 mins;</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>REJECT</p>  </div> <div style="text-align: center;"> <p>ACCEPT</p>  </div> </div>

Test condition : 121⁰-135⁰, Saturated steam with pre-vacuum

TECHNICAL INFORMATION

Weight of CI : 310-320g/ pack
Period of validity : 36 months
Dimensions : 25 cm×5.2 cm



COMPLIANCE

ISO 11140-1:2014 Sterilization of health care Products-Chemical Indicators-Part 1: General requirements.

PACKAGING

500pcs/bag

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

*For Lab Use Only
Version: 13/03/2026 -00

