



Instructions for Use: Steam Integrator Load Challenge Test Pack

Brand Name of Product	Instant Readout Chemical Integrator Challenge Pack
Generic Name of Product	Steam Integrator Load Challenge Test Pack
Product Code Number(s)	LT 101
Purpose of Product	The SteriTec Instant Readout Chemical Integrator Challenge Test Pack was designed specifically for load testing of steam sterilizers. The Test Pack verifies sterilization conditions in each load instantly with accuracy equal to a biological test pack, thus providing instant results for load release assurance. The Test Pack consists of a chemical integrator test sheet placed inside a package of porous and non-porous materials. The pack provides resistance to the penetration of steam during the sterilization cycle.
Range of Applications for Product	
Key Specifications of Product	<ul style="list-style-type: none"> • When exposed to steam, the indicator – “PASS” – changes color. • Color change: Purple to green • Critical parameters: (in a hospital standard steam pre-vacuum sterilizer – color change end points) <ul style="list-style-type: none"> ○ 3.5 minutes ± 0.5 minutes at 132°C • Stated value: (as determined in a steam sterilizer resistometer – color change end points) <ul style="list-style-type: none"> ○ 5 minutes ± 45 seconds at 132°C ± 1°C • Indicator stability: Excellent before and after sterilization

Shipping & Storage	
Shipping Conditions & Requirements	
Storage Conditions	Store at 10-38°C and at 10-60% humidity.
Packaging Contents	
Shelf Life	Please refer to the expiration date printed on the product packaging.

Instructions for Using Product	
Description of Use(s)	Designed for use in 132°C pre-vacuum steam sterilizers operating for 3 minutes or longer. It is used as a supplementary test to biological pack testing, not as a substitute.
Preparation for Use	
Diagrams (drawings, pictures):	
Steps for Use of Product	<ol style="list-style-type: none"> 1. Load the sterilizer as normal. 2. Place the Challenge Test Pack on the lowest shelf or the most difficult to sterilize location. 3. Process the load, normal cycle. 4. Remove the Challenge Pack from the sterilizer and examine the integrator card.
Interpretation of Results	<ul style="list-style-type: none"> • Compare the chemical indicator against the color standard (°C) printed on the card. If the chemical indicator (PASS IF GREEN & 132) turns from purple to green, proper conditions of time, temperature, and steam were met. The load is considered properly exposed to the steam sterilization process. • If the chemical indicator does not turn green, sterilization conditions were not met. The load is considered not exposed to proper steam sterilization processes.
Contraindications of Test Results	
Documentation	
Special Warnings and Cautions	The test pack may be hot and should be opened carefully to avoid thermal injury.
Disposal	

Reprocessing Instructions	
Point of Use	
Preparation for Decontamination	
Disassembly Instructions	

Cleaning – Manual	
Cleaning – Automated	
Disinfection	
Drying	
Maintenance, Inspection, and Testing	
Reassembly Instructions	
Packaging	
Sterilization	
Storage	
Additional Information	

Related Healthmark Products	Steam Sterilization Integrators, Steam Sterilization Monitors
Other Product Support Documents	Steriking™ Sterilization Products Brochure, Steriking™ Sterilization Products Price List
Reference Documents	SteriTec Product Technical Data Sheet
Customer Service Contact	Healthmark Industries Company, Inc. 18600 Malyn Blvd. Fraser, MI 48026 1-586-774-7600 healthmark@hmark.com hmark.com