



REASONS THE FOOD INDUSTRY IS SWITCHING TO PETRIFILM™

BENEFITS

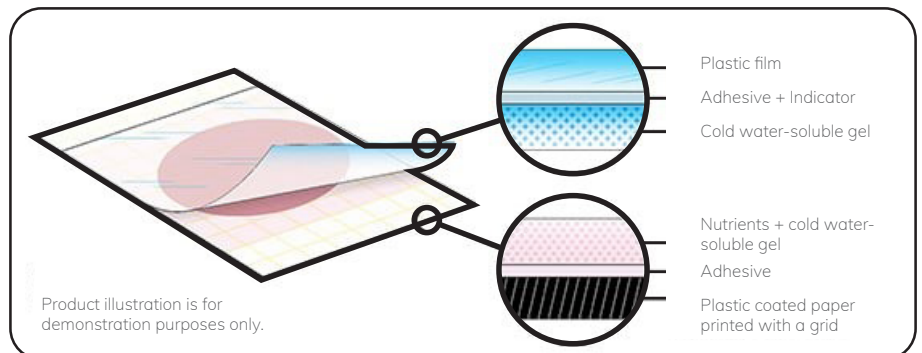
- ✓ Ready-to-Use Convenience
- ✓ Consistent and Reproducible Results
- ✓ Compact Design and Storage Efficiency
- ✓ Cost-Efficiency Over Time
- ✓ Enhanced Data Throughput with Plate Reader Compatibility
- ✓ Broad Application Range with Specific Solutions

PETRIFILM™ TYPES:

- Aerobic count
- *Enterobacteriaceae* Count
- Staph Express Count
- *E. Coli* and Coliform
- Select *E. Coli*
- Environmental *Listeria*
- Coliform count
- Aqua Heterotrophic (bottled water only)
- Yeast and Mould
- Lactic Acid Bacteria Count

RAPID RANGE:

- Rapid *E. Coli* and Coliform Count
- Rapid Staph Express Count
- Rapid Yeast and Mould
- Rapid Aerobic Count

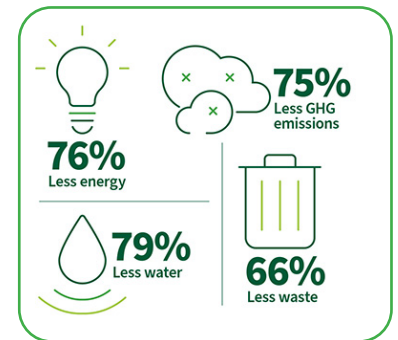
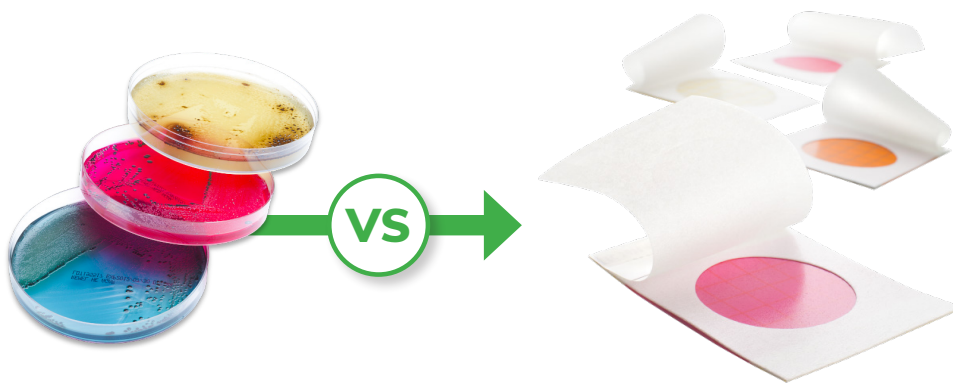


Contact your Lasec® Sales Representative today.

Ts & Cs apply

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*Greenhouse gas

FEATURE	TRADITIONAL CULTURE MEDIA	PETRIFILM™
Preparation Period	1 - 2 hours per batch.	5 - 10 minutes , ready-to-use.
Preparation Steps	<ol style="list-style-type: none"> 1. Weigh and mix media. 2. Autoclave to sterilise. 3. Cool and pour into plates. 4. Optional storage in cold conditions. 	<ol style="list-style-type: none"> 1. Open Petrifilm™. 2. Hydrate with sample. 3. Press to distribute.
Incubation Period	24 - 48 hours for aerobic bacteria, requires controlled temperature and atmosphere.	24 - 48 hours for aerobic bacteria, consistent incubation with minimal variability.
Labour Demand	High: Skilled technicians needed for precise preparation, sterilisation, and colony counting.	Low: Minimal training needed; simple inoculation and easier colony counting.
Labour per Plate	10 - 15 minutes for preparation, inoculation, and colony counting.	1 - 2 minutes for setup and colony counting.
Sample Throughput	Lower: Around 100 - 150 plates per technician per day.	Higher: Up to 500 plates per technician per day.
Batch Processing	Limited by cooling and preparation time; suited for smaller batches.	Optimised for high-volume testing with minimal downtime.
Large-Scale Testing Efficiency	Time-intensive setup limits throughput in high-demand settings.	High efficiency and consistency make it ideal for routine large-scale testing.
Overall Performance	Flexible for in-depth analysis and customised media; labour-intensive with slower turnaround.	Highly efficient with faster setup and throughput, ideal for standardised tests.

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