

SEALMASTER™

QA VALIDATION SYSTEM

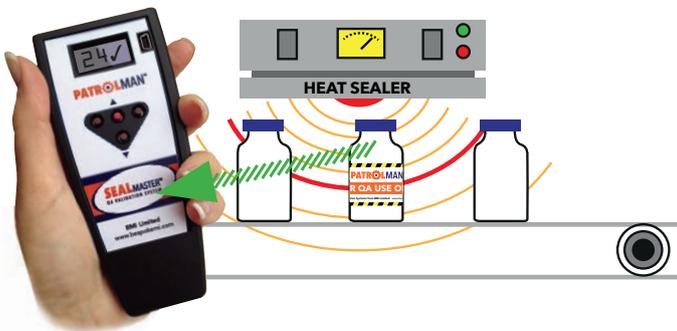
Improve your induction sealing process with the PATROLMAN™ range

The **SEALMASTER™** is a quality control instrument that helps maintain the optimum induction seal quality at all times by independently validating induction sealer outputs and process settings.

HOW DOES SEALMASTER™ WORK?

The **SEALMASTER™** measures the energy transmitted from the induction sealer to the induction liner contained in the closure. It compares this measurement to predetermined values to confirm that the induction sealer is correctly set and functioning.

The **SEALMASTER™** process is much more accurate than just using the controls on the induction sealer. The induction sealer can only measure the output energy that is generated and does not include the effect of the distance from the induction sealer head to the closure, speed of the conveyor, both of which have a critical effect on the input energy into the induction liner within the closure.



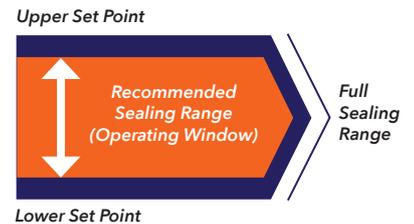
The **SEALMASTER™** transmitter is contained in the container as it travels down the production line, so it measures the inductive energy that is being transferred into the induction liner. This automatically takes into effect all factors that affect the quality of the induction seal.

The **SEALMASTER™** also assists with fault diagnosis if sealing problems do occur. It will detect whether the problem is with the sealer (either faulty equipment or faulty settings) or if elsewhere (induction foil, bottle neck, application torque).

The **SEALMASTER™** is one of the products in the **PATROLMAN™** range; its sophistication uniquely processes data to give

recommended settings for various containers / closures and warns if these recommended settings are not being maintained.

The **SEALMASTER™** calculates a recommend operating range within the full operating window. This allows production to be monitored to a stricter level than absolutely necessary giving an extra 'safety margin' against possible bad induction seals.



USING THE SEALMASTER™

A combined receiver and transmitter is inserted into the container and passed along the conveyor. It measures the electromagnetic field transferred energy and transmits the data to the **SEALMASTER™** hand held unit for processing and display.

- ✓ The **SEALMASTER™** records the operating settings required for a good induction seal
- ✓ The **SEALMASTER™** stores optimum sealing conditions for several containers
- ✓ The **SEALMASTER™** warns if these optimum conditions are not being achieved
- ✓ The **SEALMASTER™** compares current and previous data for fault finding
- ✓ The **SEALMASTER™** stores data for QA and product traceability records
- ✓ The **SEALMASTER™** can download this data to a computer for easy access to historic records
- ✓ The **SEALMASTER™** has an easily understood data display



All OK



Adjustment Required



Warning, Problem

Induction seal validation system

SEALMASTER™
QA VALIDATION SYSTEM

APPLICATIONS

The **PATROLMAN™** range of both the **SEALMASTER™** and the **LINEMASTER™** are the only products on the market that measure the heat energy going directly into the induction foil, which is why so many top companies use it.

SEALMASTER™ KEY BENEFITS

- ✓ **Monitors production to ensure consistently good sealing**
- ✓ **Warns if the induction sealer is not correctly set / faulty**
- ✓ **Assists with fault finding if sealing problems occur**
- ✓ **Records data for QA records and traceability**
- ✓ **Validate equipment and line process**

Pharmaceutical Nutraceutical Healthcare

Abbot Laboratories, Aptuit, Avon, Boots, Catalent, CDS, Chemins, CIPLA, Covidien, Eli Lilly, Forest Laboratories, GSK, Gilead Sciences, Novartis, NSPR, Norwich Pharmaceuticals, Patheon, Penn Pharma, Sharp Corporation, UCB, Shire Pharmaceuticals

Food, Dairy, Beverage, Condiments

Arla Foods, Cadbury Schweppes, Coca Cola, Dairy Crest, Danone, Express Dairies, Frucor Beverages, Heinz, IFP, Kraft Foods, Nestle, Premier Foods, Unilever, SPC Ardmona, Trigon Snacks

Agricultural Chemical Industrial Chemical

Agropharm, Bayer CropScience, Crompton Europe, Eli Lilly, Exxon, Grotech, Monsanto, Nufarm, Sandoz, Sipcarn Inagra



WHAT'S INCLUDED IN THE KIT?

1. **SEALMASTER™** transmitter
2. Hand held display unit
3. Labels for QA samples on the production line
4. Operator user manual
5. Data download software CD (Optional extra)

For more information on the **PATROLMAN™** range and the **SEALMASTER™** contact Bespoke Marketing Initiatives

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