

# HANDMASTER™

QA VALIDATION SYSTEM

## Improve your induction sealing process with the PATROLMAN™ range

The **HANDMASTER™** is a new quality control instrument for improving hand induction sealing. It enables users to quickly and accurately to monitor the hand induction sealer and validate the process ensuring the best possible induction seal quality at all times.

### HOW DOES **HANDMASTER™** WORK?

The **HANDMASTER™** directly measures the induction energy being transferred from the hand induction sealer into the induction liner, taking the trial and error out of the hand induction sealing process and ensuring that the best possible seal quality is achieved at all times.



The **HANDMASTER™** is held centrally under the hand induction sealing head to measure the energy being received by the induction liner.

In use, the **HANDMASTER™** is held under the sealing head of the hand induction sealer. The **HANDMASTER™** incorporates a sensor, which measures the electromagnetic energy being received from the hand sealer, and displays this as a digital readout. This measure is of the level of energy received by the induction liner which is much more important than the value of the power setting that is displayed on the hand induction sealer which is only measuring the energy

that is being transmitted from the hand induction sealer.

This is a simpler and more accurate means of controlling the hand induction sealing process than was previously possible.



- ✓ *Simpler - because only one setting value is used.*
- ✓ *Accurate - as it directly measures the energy going into the induction foil.*

### USING THE **HANDMASTER™**

#### Line set up and process monitoring

Use the **HANDMASTER™** at set up to obtain energy readings for a good induction seal 'operating window'. Then use it at regular intervals to monitor production. The digital readout provides quantified values for Q.A. records.

#### Fault finding and diagnostics

Use **HANDMASTER™** to measure the output of the induction sealer to determine whether the problem is with the hand induction sealer or elsewhere e.g. the container or the closure.

#### Validation

**HANDMASTER™** can be used on both new and existing hand held induction sealing equipment validating that the process is correctly set.

#### TOP Set Point



#### BOTTOM Set Point

### **HANDMASTER™** THE BENEFITS

- ✓ **Faster and more accurate set up**
- ✓ **Reduced trial and error waste**
- ✓ **Consistent good seal quality**
- ✓ **Assists with fault finding diagnosis**
- ✓ **Validates induction sealer output**
- ✓ **Improved quality records**

# Induction seal validation system

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## APPLICATIONS

The **PATROLMAN™** range is used in most industries that use induction sealing. Listed below are just a few of our international customers:

<b>Pharmaceutical Nutraceutical Healthcare</b>	Abbot Laboratories, Aptuit, Avon, Boots, Catalent, CDS, Chemins, CIPLA, Covidien, Eli Lilly, Forest Laboratories, GSK, Gilead Sciences, Norvartis, NSPR, Norwich Pharmaceuticals, Patheon, Penn Pharma, Sharp Corporation, UCB, Shire Pharmaceuticals
<b>Food, Dairy, Beverage, Condiments</b>	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
<b>Agricultural Chemical Industrial Chemical</b>	Agropharm, Bayer CropScience, Crompton Europe, Eli Lilly, Exxon, Grotech, Monsanto, Nufarm, Sandoz, Sipcarn Inagra



## WHAT'S INCLUDED IN THE KIT?

1. **HANDMASTER™** transmitter
2. User Handbook
3. Locating rings supplied in 2 sizes

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

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