



Seam System 60 F

Can Control for foods

Technical Data sheet
METOP[®]
World Class Quality Control For Cans



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soluciones científicas

The Seam System 60B is our smallest system and is designed for customers who want to take advantage of METOP's high quality measuring system but who don't require the highest capacity. METOP offers a very attractive price to suit each individual customer's needs.

What makes us so special is our unique systems. When choosing Metop you don't get separate parts but a complete system of finally tested products that work together.

Everything we make is built by our own production team in Malmö, Sweden, and we are always aware of where everything from smallest screw to the advanced optics comes from. By Purchasing a METOP product you can be sure that everything is of highest quality, finally tested and with "plug and play" functions.

Our products have continuously been developing since 1987 and our technology always stays ahead in the canning industry.

The System makes seam evaluations both externally and internally.

Measuring parameters externally are seam thickness and plate thickness.

Measuring parameters internally are cover hook, body hook, overlap, seam gap, seam thickness, calculated seam deviation.

System includes:

- 4th edition robust Video seam unit.
- Winseam software - lite version.
- Metop Seam Cutter to evaluate wrinkles.
- Seam saw for different can sizes.
- Industrial Box Computer and Monitor.
- Keyboard, mouse and all necessary cables.

Key features:

- High Swedish quality. Plug n' Play, everything in one system.
- All internal measurements easily made with the VSU-3.
- Fully equipped computer with screen and all necessary parts.
- Tool box with all necessary tools.



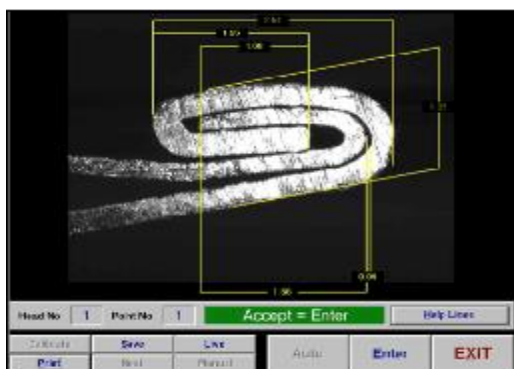
System includes

Winseam 5 Lite

The software is based on our proven full version of Winseam. All data from the external measuring gauges will be transmitted into the measuring report by a click. All measuring values will be stored in the computer.

It takes approximately 1 second for the system to make all internal measurements automatically by means of a camera and vision measuring system.

The image with the measuring lines and all reports can be printed out. Old reports can be searched and all your quality data are traceable to prove your quality to your customers.



Customer Company		DOUBLE SEAM CONTROL	
		Production Control	
Date: 18/11/2003	Lot number: L02 8 016	Sample time: 10:00	Lot Country: 1
Time: 09:54	Lot code: C24	Operator: 1	Lot Country: 1
Lot: 0000000	Lot number: C24 8 016	Product: 1	Lot Country: 1
Lot: 0000000	Lot number: C24 8 016	Product: 1	Lot Country: 1
Head	Panel	Line	Target
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
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16	16	16	16
17	17	17	17
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54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
59	59	59	59
60	60	60	60

A rating system evaluates all internal seam dimensions and highlights critical errors.

There is also a safety filter for unrealistic measuring values.



MCO-2

The intelligence in the system

Our new Industrial computer, mounted on the monitor. The Seam Computer is also ready for your network and equipped with Ethernet RJ 45 connection.

- Industrial solid 15" computer monitor.
- Industrial fan-less Intel processor.
- External reliable power supply.
- C-Fast Memory Card without any moving parts.
- Communication ports for network.
- Keyboard, mouse and all necessary cables are included.
- Embedded OS



VSU-3

For internal measurements

The Video Seam Unit is an industrial vision mounted in an attractive aluminium enclosure. It is reliable and 100 % without moving parts, with built in vision measurement hardware.



MSS-2F

To cut the can

High speed Seam Saw with solid carbide blades that makes two cuts in the can simultaneously. The cuts are made on the end of the can to make the seam visible for further internal measuring. The saw is equipped with a safety holder for the hood in stainless steel that is easy to clean and long lasting.



STH-3F

For external measurements

The Seam Thickness gauge is designed to automatically orient the can in the right position for measurement. With the certified calibration block, the gauge is easily calibrated and you can always be guaranteed correct measurements. For extra-large cans, our STH-3F XL can be requested.



PTH-3F

For external measurements

The Plate Thickness gauge is designed to accurately measure the can and end plate in 1/1000 millimetre. With the certified calibration block, the gauge is easily calibrated and you can always be guaranteed correct measurements.



MSC-3F

To open the can

The MSC-3 is a manual tool that separates the cover hook from the seam to provide tightness control and evaluation. It is made for all cans. It's low weight and easy to use.