Seam System 60B

Can Control for beverages

Technical Data sheet

METOP®

World Class Quality Control For Cans

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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 parameter externally is seam thickness.
Measuring parameters internally are cover hook, body hook, overlap, seam gap, seam height, calculated body hook butting.
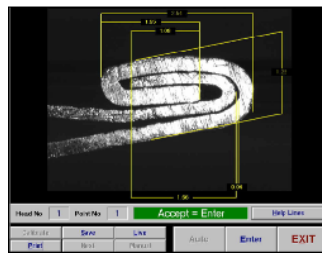
Seam evaluation in *three simple steps*

1. Measure the seam thickness. It is the most important parameter to secure your product.

2. Cut the can with the seam saw in order to observe the inside of the seam.

3. Inspect the inside of the seam with our vision software. Measuring seam height, end hook, body hook, overlap, seam gap, calculated body hook butting.

System Includes:

- 4th edition robust Video seam unit.
- Winseam software - lite version.
- Seam Thickness gauge.
- Seam saw for different can sizes.
- Metop industrial Box computer.

Key features:

- 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.
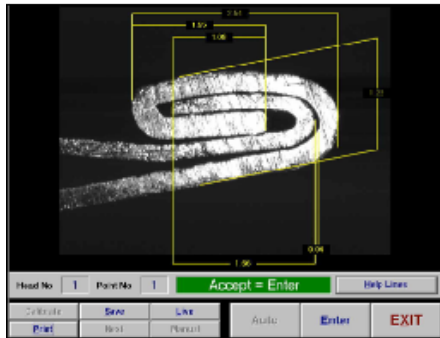- High Swedish quality.

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 measurments *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 customer.

A rating system evaluates all internal seam dimensions and highlights critical errors.
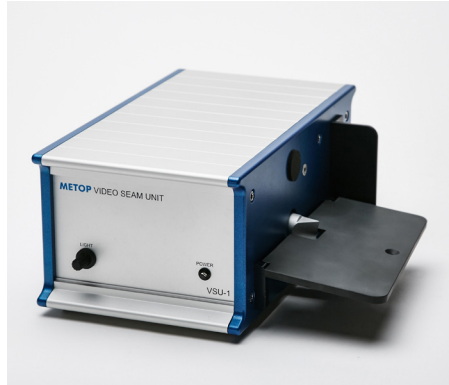There is also a safety filter for unrealistic measuring values.

MSS-3LT
To cut the can

The MSS-3LT is a high speed Seam Saw with solid carbide blades that simultaneously makes two cuts in the can. 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. The can hood is in stainless steel that is easy to clean and long lasting.

• Optimized speed and cut size.
• Perfect cut for video measuring.
• Very fast cutting.
• Easy exchangable saw blades.
• Stainless steel cover.
• Adaptors for all can sizes.

VSU-3
For internal measurements

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

• External reliable power supply.
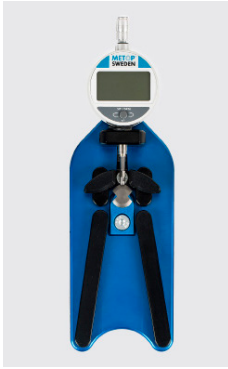• USB camera for superior quality.

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.
• Mini-keyboard, mouse and all necessary cables are included.
• Embedded OS

STH-3B

For external measurements

The Seam Thickness gauge is designed to automatically orient the can in the right position for measuring. All can sizes for beverages can be measured.

With the certified calibration block, the gauge is easily calibrated and correct measurements will always be guaranteed.

The data connection cable is included.

MSC-3B

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. Made for all cans and easy to use.

Options:

• **UPS,** battery backed power conditioner and surge protection to protect the equipment (230v).
• **Laser printer** (230v).
• **Foot pedal.**