



Seam System 200F

Can Control for foods

Technical Data sheet

METOP[®]

World Class Quality Control For Cans



The Seam System 200 is designed for customers who want to take advantage of METOP's high quality measuring system, including the well-known Winseam software, but who don't require the highest capacity and the backup system. 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 you get 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, can height, countersink depth, seam height.

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

System Includes:

- 3rd edition robust Video Seam Computer, automatically measuring the internal parameters of the seam.
- Winseam software.
- The three-in-one Metop Combi Gauge together with the Seam Thickness gauge measuring all external measurements.
- Metop Seam Cutter to evaluate wrinkles.
- Seam saw for different can sizes.
- Industrial solid computer monitor.
- Mini-keyboard, mouse and all necessary cables.

Key features:

- All internal measurements easily made with the VSC-3.
- UPS, uninteruptible power source (230V).
- Laser printer (230V).
- Tool box with all necessary tools.
- 3 year warranty.
- High Swedish quality.
- Foot pedal included.





MSS-2F

To cut the can

High speed Seam Saw 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.

- Optimized speed and cut size.
- Perfect cut for video measuring.
- Very fast cutting.
- Easy exchangeable saw blades.
- Stainless steel cover.



VSC-3

For internal measurements

The Video Seam Computer is an industrial fan-less computer system mounted in an attractive aluminium enclosure. It is reliable and 100 % without moving parts, with built in vision measurement hardware.

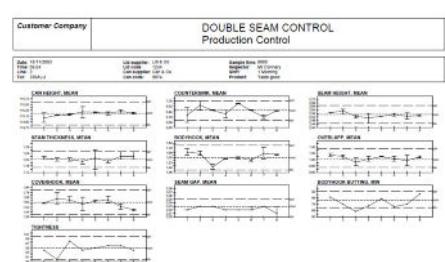
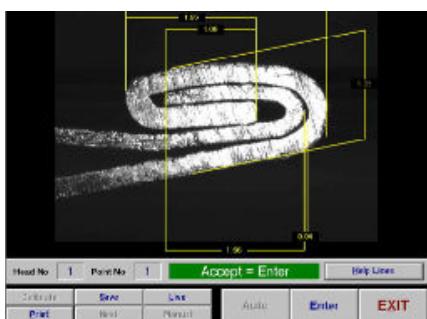
- Embedded OS.
- Industrial fan-less Intel processor.
- External reliable power supply.
- SSD (solid state disk) without any moving parts.
- Metop designed vision system for superior quality.
- Communication ports for RS232 and network.

Includes all necessary parts from a mini-keyboard to industrial monitor with high quality aluminium frame and glass screen.

Winseam 5

With our highly developed software your measuring values can be stored on the hard drive or on your server. All data from the external measuring gauges will be transmitted into the measuring report by a foot pedal or the enter button. ***It takes approximately 1 second for the system to make all internal measurements automatically by means of a camera and vision measuring system.*** They can also be manually adjusted. The image with the measuring lines can be printed out.

A rating system evaluates all seam dimensions and highlights critical errors. The procedure for recheck is semi-automatic and very easy to carry out. There is also a safety filter for unrealistic measuring values.



Statistics like trend curves, histograms and error reports can easily be performed. All adjustments on the line can be keyed in and also be shown in the statistics. Old reports can be searched and are traceable.

The database is Access and Excel. The Video Seam Computer is also ready for Ethernet and equipped with RJ 45 connection.



MSC-3F

For 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.



MCG-3F

For external measurements

The Metop Combi gauge is designed to control 3 measurements in one gauge, can height, countersink depth and seam height. All can be measured at the same time just by moving the slider. For extra large cans, our STH-3F XL can be requested.



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

