

# Ishida WM-Micro Compact Wrapper

**RICE LAKE**  
WEIGHING SYSTEMS

*As of: Wednesday, April 9,  
2025*



## Standard Features

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- Weigh/wrap and label up to 15 packs/minute
- Large 12.1-inch LCD color touchscreen
- Adjustable touchscreen viewing angle
- Dual range weighing 0 to 15 x 0.005 lb/15 to 30 x 0.01 lb
- Stores and prints graphics for custom labeling
- Large 5-inch diameter label roll and 3-inch wide thermal head
- Static TCP/IP Ethernet communication

## Approvals



# Compact Retail Weighing, Wrapping and Labeling

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The WM-Micro is a semi-automatic wrapping machine with integrated scale and printer. It's smaller than a standard hand-wrapping station and can be easily installed in nearly any backroom. Reducing repetitive manual labor for operators, the WM-Micro consistently delivers high-quality wrapping. A large 12.2-inch operator display is easy to read and features a responsive interface powered by LINUX OS to support intuitive operation.

Film and label rolls can be quickly and easily replaced, and the WM-Micro is designed to minimize downtime for cleaning and maintenance.

## Wrap a Variety of Trays

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The WM-Micro allows operators to weigh, wrap and label up to 15 trays per minute. It is designed to wrap many types of trays, supporting a wide variety of products. It features high-quality and stable wrapping to minimize defects and reduce waste.

# Ishida WM-Micro Compact Wrapper Specifications

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**Wrapping Capacity:**

0.10 to 7.70 lb (0.04 to 3.5 kg)

**Wrapping Size:**

Width: 5.9 to 15.0 in

Depth: 5.0 to 9.6 in

Height: 0.4 to 5.1 in

Tray Type: PSP, PP, PET, Paper

**Film Type:**

Polyolefin/PVC

(film type suitable for automatic wrapping)

Film Size 400, 450, 500, 550 mm

**Outer Diameter:**

7.9 in (200 mm) or less

**Scale Capacity:**

0 to 15 lb × 0.005 lb/15 to 30 lb × 0.01 lb

0 to 30 lb × 0.01 lb

0 to 6 kg × 0.002 kg/6 to 15 kg × 0.005 kg

0 to 15 kg × 0.005 kg

**Accuracy:**

1/3000

**Min. Print Weight:**

0.1 lb (0.04 kg)

**Print Head:**

3-inch direct thermal, 12 dots/mm (960 dots)

**Print Speed:**

120 mm/sec

**Print Area:**

With Liner: Width: Up to 2.9 in (76 mm)

Linerless: Width: Up to 3.0 in (77 mm)

**Label Size:**

With Liner:

Width: 1.1 to 3.1 in (30 to 80 mm)

Length: 0.9 to 4.1 in (23 to 105 mm)

Linerless:

Width: 1, 2, 3 in (44, 60, 80 mm)

Length: 1.1 to 19.6 in (30 to 500 mm)

**Label Roll Size:**

4.9 in (125 mm)

**Inner Core Diameter:**

1.6 in (41 mm)

**Interface:**

USB: 4 ch

10/100 base Ethernet: 1 ch

**Memory Capacity:**

1 GB

**Controller Display:**

Backlit 12.1 in

XGA (800 × 600) TFT Color LCD

**Tactile Keys:**

19 Keys

**Power Supply:**

Single phase, 200 to 240 V, 50/60 Hz

**Power Consumption Max:**

Operation: 1,200 W or less

Standby: 1,000 W or less

Sleep mode: 200 W or less

**Temperature:**

Operating: 41 °F to 95 °F (5 °C to 35 °C)

**Humidity:**

20% to 85% RH (without condensation)

**Weight:**

With Liner: Approx. 283.7 lb (128.5 kg)

Linerless: Approx. 286.0 lb (129.8 kg)

**Noise Label:**

73 dB or less

**Option:**

Wireless LAN unit, film roll protection cover unit, -10 mm infeed pusher

**Approvals:**

NTEP 06-029A7

**Warranty:**

One-year limited, based on volume of 900 packs per day using recommended film

# Parts

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Part #	Description
223814	Wrapper,WM-Micro Manual label, Single printer, Wired LAN, 220VAC, Ishida
226173	Wrapper,WM-Micro Linerless label, Single Printer, 220VAC, Ishida

# Options

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## Part # Description

### Options/Accessories

<b>121076</b>	Option,Stand, WM-Micro, WM-Nano, Stainless Steel, Leveling Legs, Casters, Ishida 28Wx26Dx27H
<b>125578</b>	Option,POP label holder WM-Micro, WM-Nano wrapper, 20 rolls POP labels, Ishida
<b>151761</b>	Option, Spacer POP label dispenser, Set of 10, Ishida, use for wider core POP labels
<b>121077</b>	Option,Cover, Washdown WM-Nano, WM-Micro, plastic, Ishida
<b>125417</b>	Option,Cover, Washdown TALL - Cover WM-Nano, WM-Micro Stand and POP Label Option Plastic Ishida
<b>226175</b>	Option,Cover, Film Roll Protection, SST, (WM-Micro), Ishida
<b>225984</b>	PROMO,Floor Mat Rice Lake/Ishida, WM-Micro, Template Mat 35in x 40in

### Communication

<b>152628</b>	License,ScaleLink Pro 5 SLP5 Item Management, Maintenance, Ishida
<b>78860</b>	Cable,Ethernet Cross RJ45 to RJ45, 7FT
<b>226174</b>	Option, Internal Wireless WM-Micro wrapper, 2.4GHz/5GHz, 802.11b/g Ishida

### Manuals and Service Tools

<b>95540</b>	Key,Safety Switch Door Interlock 65mm Long OMNi-4000, OMNi-3000, OMNi-3000S, OMNi-3000ST WM-4000, WM-Ai, WM-Micro, Ishida
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### Wrapping Film

<b>181916</b>	Film,Wrap 400mm x 1000m 2 Rolls/Case, 42 Cases/Pallet, 15.7 in Mitsubishi Diawrap, A50 12 Micron Thick - Automatic Wrappers *** STAND ROLLS ON ENDS ONLY - ROLLS SUBJECT TO CRUSHING***
<b>187821</b>	Film,Wrap 450mm x 1000m 2 Rolls/Case, 42 Cases/Pallet, 17.7 in Mitsubishi Diawrap, A50, 12 Micron Thick - Automatic Wrappers *** STAND ROLLS ON ENDS ONLY - ROLLS SUBJECT TO CRUSHING***
<b>170110</b>	Film,Wrap 500mm x 1000m 2 Rolls/Case, 42 Cases/Pallet, 19.7 Mitsubishi Diawrap, A50, 12 Micron Thick - Automatic Wrappers *** STAND ROLLS ON ENDS ONLY - ROLLS SUBJECT TO CRUSHING ***
<b>203761</b>	Film,Wrap 550mm x 1000m 2 Rolls/Case 42 Cases/Pallet, 55 gauge, 21.65 in Wide - Automatic Wrappers **STAND ROLLS ON ENDS ONLY - ROLLS SUBJECT TO CRUSHING** Rice Lake Weighing Systems

