



**VIVATECH**

AUTOMATIC WRAPPERS

# Ishida WM-Micro Compact Wrapper

**RICE LAKE**  
WEIGHING SYSTEMS

As of: Tuesday, May 27, 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

# Ishida IP-Ai Remote Scale Base

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## Standard Features

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- Large color touchscreen with printer and base scale
- Adjustable touchscreen viewing angle
- Front-loading, 9 in (230 mm) label roll capacity
- 3-inch thermal head
- Prints all legally required safe-handling, country of origin labels and 2020 nutritional information
- Stores and prints graphics for custom labeling
- Ethernet communications

## Approvals



- 19 tactile keys
- 2 GB of memory
- 30+ selectable fixed bar code formats
- Flexible setup for ergonomic operation
- Compatible with third-party communication software, including Upshop's InterScale®, Invafresh's ePLUM® and Droste's PCScale Manager
- Up to 150mm/sec print speed
- Configurable for different languages including Spanish, French and German



WARNING:  
Cancer and  
Reproductive  
Harm California  
Proposition 65

# Premier Performance with Ishida's Hand-wrapping System

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Ishida's IP-Ai PC-based hand-wrapping system is the ideal complement to high-volume automatic wrappers. The IP-Ai is capable of fast weighing and print speeds up to 5.9 inches per second. Its front-loading, large nine-inch label capacity keeps businesses up and running longer. Create eye-catching labels with the ability to store and print custom graphics.

Designed to enhance visibility and productivity, the large color touchscreen provides easy access to PLUs via category keys. Networking capability with Ishida's ScaleLink Pro 5 and other third-party scale management software helps maintain consistent and accurate pricing.

From ergonomic design to high-speed performance, the IP-Ai offers the latest technology to streamline prepackaging operations.

## Ishida IP-Ai Remote Scale Base Specifications

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**Capacity (Dual Range):**

0 to 15 × 0.005 lb/15 to 30 × 0.01 lb  
(PN 169225)

**Capacity (Single Range):**

60 × 0.01 lb (PN 186946)

**Operating Environment:**

Temperature: 23 °F to 104°F (-5 °C to 40 °C)

Humidity: 20% to 85% (no condensation)

**Display Unit:**

12.1in TFT color LCD with LED backlight SVGA (800 × 600)

**Display Items:**

Tare: Four-digits

Unit price: Five-digits

Weight: Five-digits

Total price: Six-digits

**Input/Output:**

LAN x 1 channel

USB x 4 channel

SD card x 1 channel  
(for transaction data)

**Memory:**

2GB

**Communication:**

Static TCP/IP 10/100 Base T  
Ethernet

**Print Head:**

3.1 in (80 mm) direct thermal  
(12 dot/mm)

**Print Speed:**

3.9/ 4.7/ 5.9 in/sec  
(100/ 120/ 150 mm/sec)

**Label Size:**

Width: 1.5 to 3.1 in (38 to 80 mm)  
Length: 1.2 to 7.9 in (30-200 mm)

**Label Roll:**

Inside diameter: 3.0 in (76 mm)  
min

Outside diameter: 9.0 in (230 mm)  
max

**Weight:**

Main body: 42 lb (19 kg)

Scale unit: 13 lb (6 kg)

**Power Supply:**

AC110 to 120V, 50/60Hz, 4A

**Power Consumption:**

Stand-by: 50W

In operation: 120W

**Classification:**

NTEP CC 06-029

**Warranty:**

One-year limited

# Ishida WM-Ai Automatic Wrapper

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## Standard Features

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- Weigh/wrap/label up to 35 packs/minute
- Automatic tray identification and centering
- Variable speed infeed
- Automatic film selection

## Approvals





- Film pre-stretching function
- Front loading film with auto set
- Large LCD color touchscreen (12 in)
- Adjustable touchscreen viewing angle
- Dual-range weighing (0 to 15 × 0.005 lb/15 to 30 × 0.01 lb)
- Robotic label application with user selectable positioning
- Stores and prints graphics for custom labeling
- Safe handling instructions, country of origin labels, 2020 nutrition and more
- Large 9 in label roll and 3 in thermal head
- Static TCP/IP Ethernet communication
- 19 tactile keys
- 2 GB memory
- Compatible with third-party communication software, including Upshop's InterScale®, Invafresh's ePLUM® and Droste's PCScale Manager



#### **WM-Ai Automatic Wrapper with Day Glow Labeler**

- All standard features of the WM-Ai automatic wrapper
- Apply a secondary label in addition to the main label
- Use pre-printed day glow labels, select a label design to print or upload your own

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