Manuals+ — User Manuals Simplified.

RICE LAKE WM-Micro
Compact Wrapper

RICE LAKE WM-Micro Compact Wrapper Owner's Manual

Contents

RICE LAKE WM-Micro Compact Wrapper

Specifications

- **Scale Unit Capacity/Division:** 0.1 lb (0.04 kg)
- **Min. Print Weight:** 0.10 – 7.70 lb (0.04 – 3.5 kg)
- **Wrapping Unit Capacity:** 15 packs per minute
- **Wrapping Size:**
    - Width: 5.9 – 15.0 in (150 – 380 mm)
    - Depth: 5.0 – 9.6 in (127 – 244 mm)
    - Height: 0.4 – 5.1 in (10 – 130 mm)
- **Tray Type:** PSP, PP, PET, Paper
- **Film Type:** Polyolefin / PVC
- **Film Size:** Width: 400, 450, 500 mm; Outer diameter: 200 mm or less

Product Usage Instructions

- **Simplified Operation**

  The WM-Micro is designed to minimize manual labor by providing high-quality wrapping. The large 12.2-inch operator display with a responsive interface makes operation intuitive.

- **Efficient Tray Wrapping**

  Operators can weigh, wrap, and label up to 15 trays per minute using the WM-Micro. It supports various tray types and ensures stable wrapping to reduce defects and waste.

- **High-performance Printing**

  The integrated printer supports True-Type font printing for clear labels. It features a 3-inch print head with a resolution of 12 dots/mm and accommodates label rolls up to 5 inches in diameter.

- **Linerless Label Printing**

For linerless label printing, the WM-Micro model cuts labels automatically to fit your print size requirements, reducing roll replacements and increasing efficiency.

FAQ

- **Q: Can the WM-Micro handle different tray sizes?**
  A: Yes, the WM-Micro can wrap trays with varying dimensions within the specified ranges.
- **Q: What type of film does the WM-Micro use?**
  A: The WM-Micro supports Polyolefin / PVC film suitable for automatic wrapping.
- **Q: How often do I need to replace label rolls?**
  A: The frequency of label roll replacement depends on usage but the WM-Micro supports larger label rolls to minimize replacements.
- **Q: Is the WM-Micro easy to clean and maintain?**
  A: Yes, the WM-Micro is designed for quick and easy film and label roll replacements, reducing downtime for cleaning and maintenance.
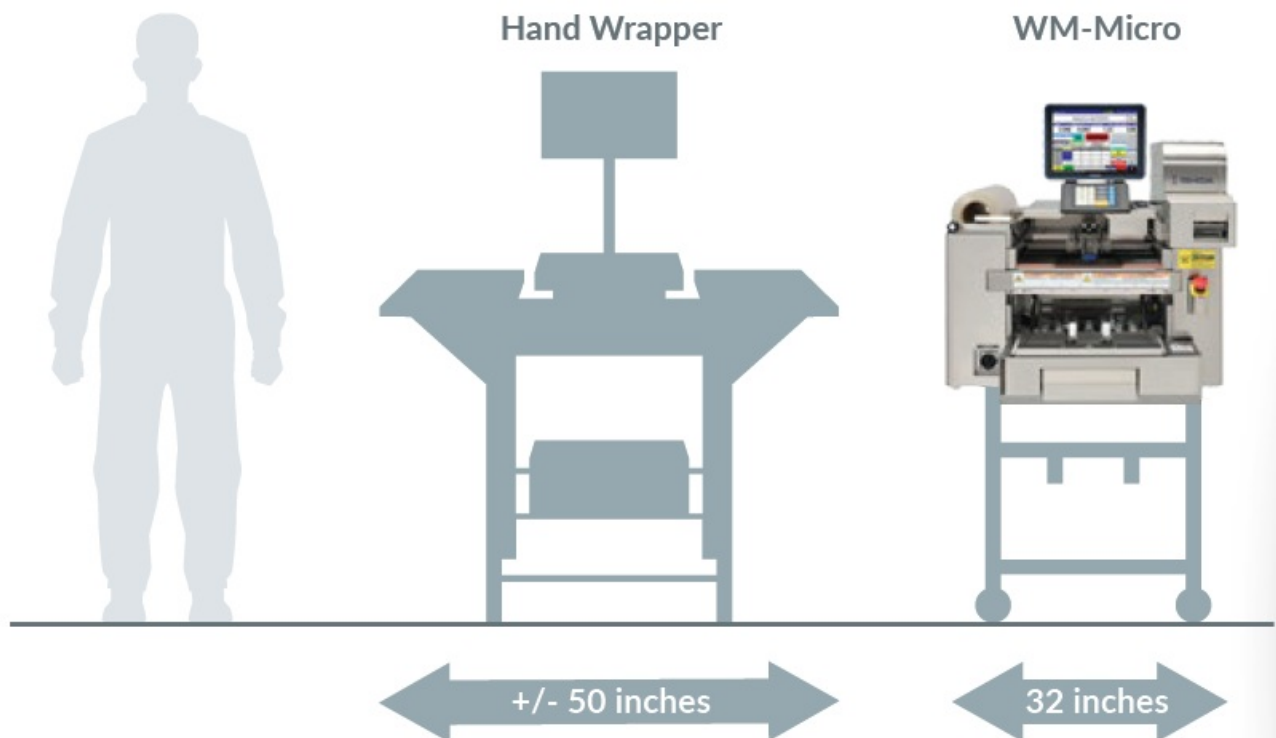
800-472-6703
www.ricelake.com/retail

Minimize Space, Maximize Efficiency

Compact and Efficient Weighing, Wrapping and Labeling
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.

COMPACT

Simplified Operation

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.
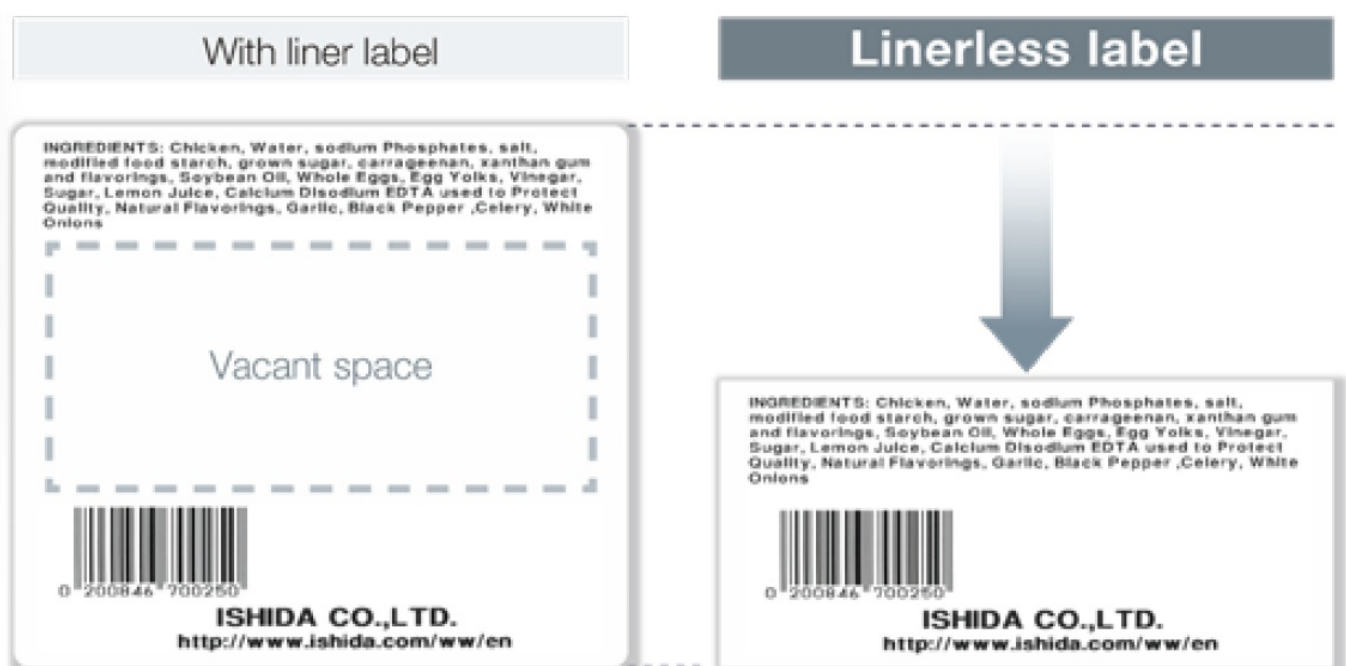
MECHANICAL KEYPAD

12-INCH TOUCHSCREEN

3-INCH PRINTER

STAINLESS STEEL STAND

[32 INCHES]

Wrap a Variety of Trays

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.

High-performance Printer

The WM-Micro is a PC-based system that enables True-Type font printing for attractive, easy-to-read labels. The integrated printer has a 3-inch print head with 12-dot/mm resolution. To reduce label roll replacements, the WM-Micro can support a label roll diameter of 5 inches (125 mm) with a customizable label length for flexible designs.
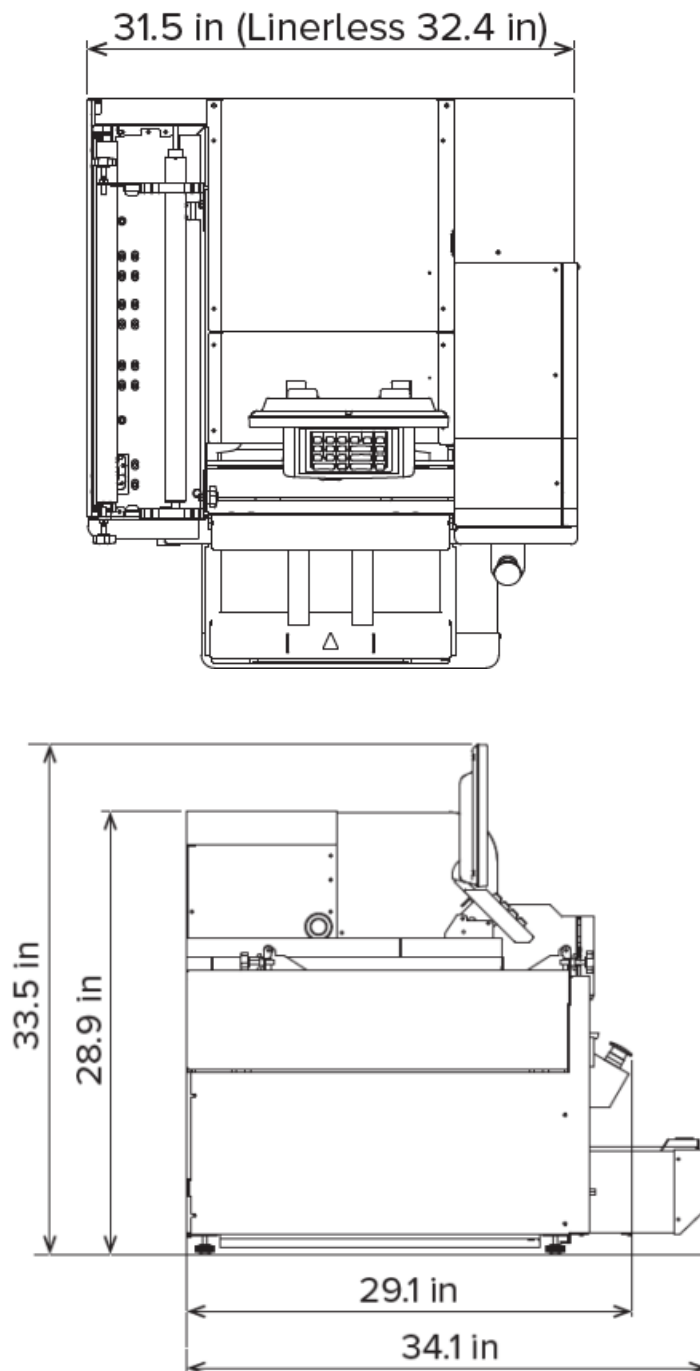

Efficient Linerless Labels

A second version of the WM-Micro provides linerless label printing. Linerless labels print more labels per roll and

reduce the frequency of roll replacement. The linerless label model automatically cuts labels to fit your print size requirements.

SPECIFICATIONS

31.5 in (Linerless 32.4 in)

33.5 in

28.9 in

29.1 in

34.1 in

SCALE UNIT

- CAPACITY/DIVISION: 0-15 lb x 0.005 lb / 15-30 lb x 0.01 lb (multi-interval)

  0-6 kg x 0.002 kg / 6-15 kg x 0.005 kg

  0-30 lb × 0.01 lb (single range)

  0-15 kg × 0.005 kg
- MIN. PRINT WEIGHT: 0.1 lb (0.04 kg)

WRAPPING UNIT

- CAPACITY: 0.10 – 7.70 lb (0.04 – 3.5 kg)
- PACKS/MINUTE MAX: 15 ppm
- WRAPPING SIZE:
    - Width: 5.9 – 15.0 in (150 – 380 mm)

- Depth: 5.0 – 9.6 in (127 – 244 mm)
  - Height: 0.4 – 5.1 in (10 – 130 mm)
- TRAY TYPE: PSP, PP, PET, Paper
- FILM TYPE: Polyolefin / PVC (film type suitable for automatic wrapping)
- FILM SIZE: 400, 450, 500 mm
- Outer diameter: 200 mm or less

PRINTER UNIT

- PRINT HEAD: 3 inch direct thermal (960 dots), 12 dots / mm
- PRINTING 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 – 3.1 in (30 – 80 mm)
  - Length: 0.9 – 4.1 in (23 -105 mm)
- Linerless: Width: 1, 2, 3 in (44, 60, 80 mm)
- Length: 1.1 – 19.6 in (30 -500 mm)
- LABEL ROLL SIZE: 4.9 in (125 mm)
- INNER CORE DIAMETER: 1.5 in (40 mm)
- LABEL STORAGE CAPACITY:
  - With Liner: 1,820 labels/roll
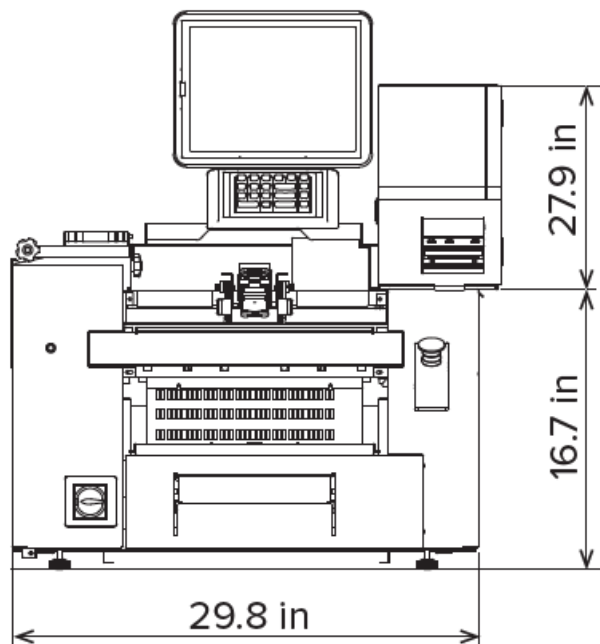 - Linerless: 2,700 labels/roll

CONTROLLER UNIT

- DISPLAY: Backlit 12.1″ XGA (800 × 600) TFT Color LCD
- TACTILE KEYS: 19 Keys

GENERAL

- INTERFACE: USB: 4ch 10/100base-TX: 1ch
- MEMORY CAPACITY: 1 GB
- POWER SUPPLY: Single phase, 200-240V, 50/60Hz
- POWER CONSUMPTION MAX:
  - Operation: 1200W or less
  - Standby: 1000W or less
  - Sleep mode: 200W or less
- OPERATIONAL ENVIRONMENT:
  - Temperature: 41 °F to 95 °F (5 °C to 35 °C)
  - Humidity: 20-85%RH (without condensation)
- MACHINE 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: Tenkey cover, anti-static wire, wireless LAN unit, film roll protection cover unit, -10 mm infeed pusher

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Documents / Resources

	RICE LAKE WM-Micro Compact Wrapper [pdf] Owner's Manual WM-Micro Compact Wrapper, WM-Micro, Compact Wrapper, Wrapper

References

- **R** **Rice Lake Weighing Systems**
- **User Manual**