

Mitsukota Instrument Co. Ltd.®

Digital Measuring Wheel – MIT-U33

Features

- Display: 7-digit backlit LCD (0 to 999999.9).
- Accuracy: 99.9%.
- Automatically includes wheel diameter for accurate wall-to-wall measurements.
- Data storage for length, width and height values.
- Calculation of volume and area based on stored data.
- Conversion between metre / foot / yard units.
- Automatic power-off after 3 minutes without wheel movement or button press.
- Wheel diameter: 0.1m (3-15/16"); circumference = 0.314m (12-23/64").
- Maximum measuring speed: Approximately 13km/h.
- Power: 4 x AAA batteries.
- Hinged 2-piece handle. The handle must be fully unfolded in order for the device to function – the handle is fully unfolded when the clip in the hinge locks into place. When not in use, push the clip in until it disengages, then fold the handle. Place the protective cap over the electrical connectors.



- Operating temperature: -10 to 60°C (14 to 140°F).

Controls

- **ON / OFF:** Power – press to switch device on or off.
- **START / STOP:** Measuring function – press to reset display to "0" (zero) before measuring; press again to stop measuring and to store the current data (if required).
- **L / W / H:** Data storage for length, width, height values used for calculating volume and/or area. Measure as normal, then stop measuring and press the required button to store the current value – "L", "W" or "H" flashes on the display to indicate that data is stored for that measurement. Repeat for each measurement.
- **L*W*H:** Calculate and display volume using data currently stored for length, width and height.
- **L*W:** Calculate and display area using data currently stored for length and width.
- **RESET:** Delete any data stored for length, width and height values.
- **UNITS:** Unit conversion – press repeatedly to display the current measured value in either metres, feet or yards.
- **HOLD:** Display pause function – press while measuring to stop updating the display. When "on hold", the display flashes; press again to return the display to the current actual measured value.

- **+D:** Add wheel diameter function – press to add the measuring wheel diameter to the measured value for wall-to-wall measuring.
- **LIGHT:** Activate display lighting. The light will switch off after 3 seconds.

Care and Maintenance:

- Do not expose the device to water, solvents, abrasive or corrosive materials.
- To clean, wipe with a soft cloth and use a soft brush for less accessible components, such as the sensors (on inside of wheel). Ensure the outer surface of the wheel is kept free from dirt and debris or other materials (grit, stones, tape, glue etc).
- Do not lean on the device during use – maintain just enough pressure to ensure full wheel contact with the measured surface at all times during measurement.
- If the display is dim or the device not functioning, the batteries require replacement. To replace batteries, gently pull the tab at the top of the device until the front panel unclips, then rotate the panel up so the battery compartment is exposed. Slide the battery cover to the right and off the compartment. Replace batteries, ensuring battery polarity (+ and -) is correct, then slide the battery cover back into position and lower the front panel until it clips into place.



- If the device is not to be used for extended periods of time, it is recommended to remove the batteries to prevent possible damage through battery leakage.
- Store the device indoors at a temperature between -30°C and 65°C and relative humidity <90%.



Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see www.datastreamserver.com/safety

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

