

# MARSDEN

USER MANUAL

## V-24

Please take time to read these instructions before starting to use the scale



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## **Manufacturer's Declaration of Conformity**

This product has been manufactured in accordance with the harmonized European standards, following the provisions of the below stated directives:

Electro Magnetic Compatibility Directive 2014/30/EU

Low Voltage Directive 2014/35/EU

Marsden Weighing Machine Group Ltd.

## Product Specification

Thank you for purchasing a Marsden professional veterinary scale.  
This is a precision weighing instrument and considerate use will result in many years of accurate weighing.

Model	Marsden V-24
Capacity/Division	20kg x 10g
Units of Measure	Kg/lb and cm
Function Keys	ON/OFF/TARE, MODE, UNIT, HOLD
Display	Large LCD display with four active digits
Operating Temperature	10 to 40°C
Power Supply	3 x AAA batteries
Dimensions	609mm x 326mm x 91mm
Warranty	One year
Weight of Scale	1.55kg

Please note: Marsden's policy is one of continuous development and therefore we reserve the right to change product specification without notice.

## Safety Instructions

Before putting this scale into use, please read with care the information given in this user manual, which contains important instructions for proper installation, use and maintenance of the device.

Marsden/the manufacturer shall not be liable for damages arising from failure to heed the following instructions:

- When using electrical components under increased safety requirements, always comply with appropriate regulations.
- Inappropriate installation/use will render the warranty null and void.
- This product is not waterproof. We do not recommend using the scale in humid, damp or wet environments. Humidity above 85% or contact with water and other liquids could cause corrosion and affect the precision of the scale.
- Observe the permissible ambient temperatures for use.
- The device meets the requirements for electromagnetic capability. Do not exceed the maximum values specified in the applicable standards.
- Never step on the scale.

If you have any problems, contact Marsden/your local dealer/your service partner.

## Cleaning

- Please do not use corrosive liquids or large amounts of water to clean the scale. We recommend using alcohol-based wipes or similar.
- Always disconnect the scale from the mains power supply before cleaning.
- ⚠ Never disassemble the scale as this may cause malfunction.

## Maintenance

- The scale does not require any routine maintenance. However, we recommend checking the scale's accuracy at regular intervals. If any inaccuracies occur, please contact Marsden, your local dealer or service partner.

## Disposing of the Scale

- This product should not be treated as regular household waste but should be handed in to an electrical/electronic equipment recycling centre.

## Warranty

- This product is covered by a one year warranty starting from the purchase date, which has to be proven by means of your purchase invoice and this document. This warranty period complies with the laws in force.
- The warranty covers only production defects and does not apply if the damage is caused by accidental events, misuse, negligence or improper use of the product. Use the supplied accessories only; the use of other accessories invalidates the warranty cover.
- Do not open the equipment for any reason whatsoever; the opening or the tampering of the inner workings of this product will invalidate the warranty.
- Warranty does not apply to parts subject to wear and tear or to batteries, when they are included.

## Before Using the Scale

- All Marsden V-24 scales come complete with plastic platform, plastic base, replacement clip, height measure attachment and a handle.
- There are four easy to use function keys: ON/OFF/TARE, MODE, UNIT, HOLD.
- The scale can be used in a fixed location or as a portable scale
- If you require any assistance with using the V-24, call the Marsden team on 01709 364296, quoting model number V-24 and the serial number, which can typically be found on the underside of the scale.
- Before use, ensure the scale is on a flat surface. An uneven surface for weighing could result in inaccurate readings.

## Operation

### Switching the Scale on/off

- To switch the V-24 on, press **ON/OFF** (⏻/TARE button).
- Once the scale shows a line of zeros, it is ready to use.
- To switch the V-24 off, press and hold **ON/OFF** (⏻/TARE button) for three seconds.

### Using the Hold function

- The Hold function allows you obtain an accurate weight reading, even if the animal is moving on the scale.
- With the animal on the scale, press **HOLD** once.
- The weight reading will hold on the screen after a few seconds.
- Please note: If left, the scale will automatically power-off after 30 seconds to save battery power.

### Using the Tare function

- The Tare function allows you to remove unwanted weight from the display, such as a towel or blanket.
- With the scale switched on, place the item you wish to tare off onto the platform.
- Press **⏻/TARE button**. The display will show zero.
- You can now place your animal on the scale with the towel or blanket.
- To cancel the tare weight simply remove the tare item and press on/off.

### Switching between kg and lb

- At any time, with the scale switched on press **UNIT** to toggle between kg and lb readings. The unit of measurement will be indicated top right of the display.

## Tray fitting and removal

The scale can be used as a stand-on scale or with the plastic tray attached.

Slide the plastic tray onto the scale from the back. It will 'click' into place.

To remove the tray, push towards the back of the scale. You will feel some resistance, but this is normal. Do not try to lift or twist the tray.

## Alternative use

The Marsden V-24 can also be used as a baby scale. There is additional functionality for this application which is not typically used in veterinary applications.

### Mode button

The V-24 has four modes:

- Standard weighing mode
- Memory (M) mode to store the last weight measured
- Mother and baby mode, which inverts the display so that weight can be read from the opposite side of the scale, or a child standing on the scale
- Height measurement mode

### Height measurement

- Remove the detachable tray from the scale
- Locate the rabbit-shaped piece in the bottom of the scale and remove
- Locate the circular clip at the rear of the weighing surface and attach the rabbit to the clip
- Select height measurement mode
- Pull the cord vertically to begin height measurement. Only heights greater than 30cm (11.8") will be recorded.
- Accurate height measurement is achieved by holding the rabbit-shaped piece horizontally top of the child's head when they are standing on the scale.
- Maximum height measured: 163cm (5'4").

# MARSDEN

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