

## Product Specifications: Cell\*Mate The WardeN

### Functional Specifications

The Motion Laboratories Cell\*Mate WardeN shall allow users To monitor up to eight channels of Load\*Cell data simultaneously. The WardeN shall interface with MLI chain hoist control systems. This feature shall allow The WardeN to detect any overload / underload conditions and automatically stop all motor movement.



### Features

- Compatible with Load\*Cell and Cell\*Mate Hub.
- 120% overload watchdog function uses an engineered Programmable Logic Control (PLC) based monitoring protocol to instantly detect any Overload / Underload conditions and stop any unsafe movement.
- 6 pin XLR cable to transmit data that may be run up to 1000' from Load\*Cell to Cell\*Mate Hub or 4000 feet from Cell\*Mate Hub to The WardeN Cell\*Mate Controller.
- Wide variety of options for viewing load data.
- Multi-color bar graph representing percentage of load based on user-selected weight limit
- 4 Digit Numeric Display with high visibility, .56 inch numeric LED display indicating measured inline force in pounds or kilograms for each channel.
- Line Fault Indicator: Any Load\*Cell channel disconnected or inactive due to a wire fault is indicated by a single dash(-) on The WardeN Cell\*Mate Controller for that channel.
- Peak Hold Function which allows user to view peak weight measurements for all channels.

### Physical Specifications

Front/back Material: Aluminum, powder coated blue

Hub finish: Blue anodize

Enclosure material: Steel, powder coated black

Dimensions: 19"Wx7.43"Hx15.50"D with 1/8" thick aluminum front panel

Weight: 20.3lbs

All systems will be labeled with the following information, using diamond scratch etching, laser etching, and/or molecularly-bonded thermal ink:

- Manufacturer's name/trademark;
- Electrical and environmental ratings;
- All necessary safety information.

Motion Laboratories WardeN is comprised of the following main components:

- Input section consisting of:
  - Input connectors
  - 26-pin remote connector
  - Display, hub, and cable motor controller
- Output section consisting of:
  - P26 remote connector
  - Input/through
- Ethernet connection for linking multiple units
- Data connection

## **Electrical Specifications**

100-240VAC 50/60 Hz

## **Environmental Specifications**

NEMA 1 certified— indoor use only.

## **Ratings and Certifications**