



EZ Way, Inc.

# EZ Way Smart™ Stand

## EZ Way Smart™ Stand

### **Features and Specifications – 400# and 500# Capacities**

#### **Modular Design:**

- All major components are easily replaced

#### **Frame:**

- Compact design; 41" long x 49" tall (for without scale, 52" with scale) x 24" wide for 400# and 26" for 500#
- All steel construction
- Ergonomically positioned handle bar
- Ergonomically positioned battery pack receiver
- Three position leg spreader (hand operated)
- Low profile leg height (4 ¾" for 3" casters, 6 7/8" for 5" casters and 3 ½" for 2" front casters)
- Optional low base with 2 1/16" clearance
- Large self-lubricating pivot bushings
- Baked epoxy powder coated paint
- Grade 5 or 8 fasteners, self-locking or loc-tited
- Weight with battery pack – 132 pounds (without scale)
- Weight with battery pack – 184 pounds (with scale)

#### **Covers and Bumpers:**

- Rubber bumpers on front casters
- Replaceable ABS plastic leg covers
- Replaceable ABS plastic base cover
- Replaceable ABS plastic loadcell and flexure plate covers (scale models only)
- Totally padded vinyl covered lifting arms
- Vinyl head pad
- Rubber caps on thumb switches
- Non-skid strips on foot platform
- Rubber covers on hand grips

#### **Casters:**

- Front; double steel ball bearing with swivel head
- Rear; steel ball bearing with locking swivel head and wheel

*Form #2-188 (Rev. 8-30-10)*



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## **Hand Control:**

- Impact resistant
- Built in magnet
- Pneumatic (no electrical parts)

## **Motor Actuator:**

- Acme screw design
- Very low current draw
- Built in safety switch for down stroke
- Automatically stops at top and bottom of stroke
- CE certified
- Manual lowering capability if there is a power failure

## **Battery Pack: (2 per Stand)**

- ABS plastic housing with handle
- 2 - 12 volt batteries/5.0 Amp hr = 24 volt output
- Approximately 180 lifts per charge
- Easily removed for charging

## **Battery Charger Unit:**

- Independent of Stand
- 110 volt input/24 volt output
- Built in safety fuse
- Approved to UL Standards
- 6 to 8 hour charge



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## **Electronics:**

- ABS Plastic shroud
- All functions controlled by a microprocessor
- Thumb switches (up and down functions)
- Front panel switches
  - a) Up/down
  - b) On (Off)
  - c) Zero, weight and lb/kg functions (if applicable)
- Large LCD window (13/16" high x 4 5/8" long x 1/2" high character displays)
  - a) Battery voltage level
  - b) Emergency power off
  - c) When to change battery (charge or swap)
  - d) Displays in pounds or kilograms (if applicable)
    - Automatically shuts off after 20 minutes of non-use
    - When battery level reaches swap mode, the stand can lower the patient one time
    - Conveniently located emergency stop switch
- Backlit LCD screen: During operation, EZ Way's LCD screen is illuminated for ease in viewing lift readout information.
- Usage time captured: Lift usage time is captured in minutes, great for tracking frequency of use.
- Overload protection: Should the actuator be overloaded due to lifting excess weight, lifting against an obstruction, or mechanical failure, "Actuator Overload" will appear on the LCD screen, the stand will cease lifting, and will only lower. A great feature to protect both patients and the lift.
- Weight Overload: Available in units with a scale, this feature will display "Weight Overload" on the LCD screen and will only allow the stand arms to lower.
- Weight recall: On units with scale, the last weight taken is retained until a new weight is taken, allowing caregivers easy reference in busy working environments.



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## **Additional Features:**

- Free medium harness
- Free sling bag
- 10-year warranty on frame, 3 years on components
- Video training tape
- Multiple accessory options
- Three position removable lightweight foot platform
- Safety tabs for harness
- Free initial inservice
- Free 90-day re-inservice
- Optional 5", 4" all around or 2" front only casters
- Shin Pad
  - a) Two way adjustable (height & depth)
  - b) Safety strap
  - c) One position pivoting
- Scale (optional)
  - a) Weighing accuracy of plus or minus 1%
  - b) Automatically subtracts harness weight (1.5 pounds)
  - c) No extra batteries needed
  - d) Automatically locks in patient's weight (when \* asterisk appears)
  - e) Displays in pounds or kilograms
  - f) Large digital display