

# **PORTABLE ULTRASLIM LCD WHEEL LOAD SCALE**



# Ultrastim LCD Specification and Features

- Static single axle weighing
  - Standard Capacity: 20K lbs, 40K lbs
  - Safe overload: 125% capacity
  - Ultimate overload: 150% capacity
  - Accuracy: 0.5% full scale multi-point calibration
  - Protection: IP 66
  - Operating Temperature: -30°C to 60°C
  - Compensated Operating Temperature: -10°C to 40°C
  - Battery powered: 4x AA batteries
  - Battery life: 119 hrs continuous use (backlight off)
  - Not legal for trade
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- Dimension: 30.25" x 18.5" x 0.8" (excludes handle dimension)
  - Active weighing surface area: 28" x 16.375" (Accomodate dual tires)
  - Made from aluminum alloy with heavy duty steel base plate
  - Ground surface compatible: concrete, asphalt, compacted gravel
  - Weight: 62 lbs (with ramps), 52 lbs (without ramps)
  - Option: 1m pad (for wider tires)
    - Dimension: 41.5" x 18.5" x 0.8" (excludes handle dimension)
    - Active weighing area: 39.375" x 16.375"
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- LCD: 6 digits 0.909" high
  - Backlight (BL) color: Green
  - User buttons: On/Off, Zero, Clear, Gr/Net, Tare, BL power switch
  - Display unit: lbs or kgs
  - Alarm indication: Low battery, Over load condition
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- Option: Leveling track (use for Tandem and Tridem axle group)
    - Leveling board (economical alternative for Leveling Track)

# Weighing Process

1. Position the Ultraslim LCD on the ground
2. Scale operator power on the Ultraslim.  
Power on backlight if needed.
3. Scale operator assist the truck driver to position 1st axle on the scale and stop.
4. Scale operator manually record the weight reading.
5. Repeat 3 to 4 for remaining axle/s.
6. When all axle are weigh, scale operator manually calculate total axle weight



# Applications

## Check Weighing



**Traffic weight enforcement**



**Input and output monitoring**



**Load distribution monitoring**



**Filing process load & unload monitoring**

