

PORTABLE ULTRASLIM 6pin WHEEL LOAD SCALE M2000 Indicator



Option:Serial Printer



Ultralim 6pin Specification and Features

- Static single axle or multiple up to 3 axle weighing
 - 6 pin amphenol connector
 - Standard Capacity: 40K lbs
 - Safe overload: 125% capacity
 - Ultimate overload: 150% capacity
 - Accuracy: nominal 0.5% full scale
 - Protection: IP 66
 - Operating Temperature: -30°C to 60°C
 - Compensated Operating Temperature: -10°C to 40°C
 - 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 pls (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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- Option: Leveling track (use for Tandem and Tridem axle group)
 - Leveling board (economical alternative for Leveling Track)

M2000 Indicator Specification and Features

- Single channel for single axle or 3 channels for 3 axles
- 6 Digits 3/4" LED display
- Truck-in Truck-out function
- 16 numeric and function keys
- 100-240 VAC 50/60 Hz
- Up to 5 multi-point calibration
- 1 full duplex serial port
Supports RS 232, RS 422
- Option:
4-20mA output
Set-points
Remote Inputs
- Operating temperature range: -10°C to 40°C
- NTEP approved
- Supply power to the Ultralim

Serial Printer Specification and Features

- Thermal printer
- 57 mm paper
- Communication: RS-232 serial
- Operating Temperature: 0°C to 50°C
- Status indicator: Error LED
- 12Vdc power adapter 100-240VAC 50/60 Hz

Weighing Process

1. Truck driver drive 1st axle on the scale and stop.
2. Scale operator press In and Print key. Printer prints date and time.
Scale operator enter truck ID no.
3. Scale operator press Print key. Printer prints axle 1 weight.
4. Scale operator signal truck driver to drive 2nd axle or group of axles on the scale and stop.
5. Scale operator press Print key. Printer prints axle 2 weight.
6. Repeat 4 and 5 for remaining axle or group of axle.
7. After the last axle is weigh, scale operator press Out and Print key.
Printer prints total axle weight.
8. Ready for next truck

M2000 Enclosure type

SLIMLINE (SL)

- Sleek, compact design
- 12 ga. aluminum enclosure
- Powder coated finish
- External power supply (AC adapter)
- Also suitable for panel mounting
- 9" W x 4" H x 1 ¾" D
- With bracket 10 ½" W x 4 ½" H x 2" D



Ship Weight: 2.7 lb (1.2 kg)

DESKTOP (DT)

- Best for desk or table top viewing
- Lightweight Stainless Steel enclosure
- No-skid foot pads
- Built-in power supply
- Room for 1 option board (4-20 mA or Remote Input)
- 9 ¾" W x 6" H x 3 ¼" D



Ship Weight: 5 lb (2.3 kg)

LIGHTWEIGHT SWIVEL BRACKET (LSB)

- Durable, easy to read, all purpose enclosure
- Lightweight Stainless Steel
- Stainless Steel Mounting bracket
- Built-in power supply
- Room for 1 option board (4-20 mA, Remote Input, or Setpoint w/ 2 relays)
- 7 ¼" W x 10" H x 2 ¾" D



Ship Weight: 7 lb (3.1 kg)

STAINLESS STEEL WASHDOWN (NSS)

- Suitable for damp environments
- Stainless Steel enclosure with wall-mount tabs
- Sealed faceplate
- Built-in power supply
- Room for 2 option boards (4-20 mA, Remote Input, or Setpoint w/ 6 relays)
- 8" W x 11 ½" H x 4 ½" D



Ship Weight: 8 lb (3.6 kg)

HEAVY DUTY (NSS-1)

- Suitable for tough, wet environments
- Heavy Duty Stainless Steel enclosure
- 6 Adjustable, Stainless Steel latches
- Sealed faceplate
- Built-in power supply
- Room for 2 option boards (4-20 mA, Remote Input, or Setpoint w/ 6 relays)
- 8" W x 11 ½" H x 4 ½" D



Ship Weight: 8 lb (3.6 kg)

Applications

Check Weighing



Traffic weight enforcement



Input and output monitoring



Load distribution monitoring



Filing process load & unload monitoring

