

WEIGHSAFE

WDU

THE WEIGHSAFE SERIES HAS BEEN DESIGNED USING THE LATEST TECHNOLOGY AVAILABLE AND INCLUDES STATE OF THE ART ON-BOARD WEIGHING SOFTWARE THAT IS EASY TO INSTALL AND USE.



The **WEIGHSAFE WDU 2001** incorporates a micro-processor based unit connected to the hydraulic lifting system found on lift trucks or similar machines. A load is placed on the forks and is then accurately weighed by measuring the hydraulic pressure required to raise the load. The hydraulic sensor measures pressure and converts it to an electronic signal which is displayed on the WDU monitor.

An accuracy of +/- 1 to 2% of the lift truck capacity is typically achieved. Designed for heavy industrial use, the lift truck can weigh a load in less than 5 seconds. This will ensure your shipments will not exceed trailer/truck capacity. Individual weight is displayed as a fixed reading, for up to 6 - 8 seconds when the "WEIGH" key is pressed, using the unique "Digi Lock" software.

The **WEIGHSAFE WDU 2001** will also totalise both weight and number of lifts performed - which are available on a simple recall function.

An ultra slim, weatherproof, micro-processor based digital weight indicator with a 25mm LED display featuring tare weight, lock and hold, accumulative weight, number of lifts and printing functions. Uses specifically designed "Digi Lock" forklift weighing software.

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FEATURES

- Powder Coated (IP58 rated)
- Easy to read/user friendly
- External on/off switch
- Selectable capacity and division sizes
- Kg or lb unit is selectable
- 5000psi Transducer
- Clear and stable LED display
- Full digital calibration and function setting method
- Automatic zero tracking
- Selectable digital filter
- Zero, tare and print function keys
- Totalling function
- 12 Volt DC operation

OPTIONS

- Stainless steel enclosure (IP65 Rated)
- 24 Volt DC to 12 Volt DC inverter
- In-line voltage suppressor
- Remote add button assembly
- RS-232 output (only on stainless version)

SPECIFICATIONS

CONSTRUCTION MATERIAL ENCLOSURE

Mild Steel (Powder Coated)

H44 OPERATING RANGE

-10°C to 50°C

SENSOR

Rated Pressure - 5000psi

Burst Pressure - 20,000psi

Operating temp range - 10°C to 60°C

Cable length 1.5 metre

WEIGHT

WDU 2001 system (5kg) shipping weight

DISPLAY DIGITS

5 digit 25mm segmented red LED

POWER/VOLTAGE

12 Volts DC exceeds automotive power supply transient suppression specifications

DIMENSIONS

WDU 2001 (20L x 5W x 13H cm)

excludes mounting bracket dimensions

WARRANTY

12 limited warranty on components

The WEIGHSAFE WDU 2001 contains the following components

- WDU Indicator with mounting bracket
- 5000psi transducer including p clamp assembly
- Power cable with in-line fuse protector 1.5 metres in length
- Hydraulic fittings including, 9/16 uno to 7/16 jic and 1/8 bsp to 7/16 jic fittings are standard
- Hydraulic hose 0.5 metre in length with 7/16 jic fittings
- Operating stickers and fitting information



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Specifications & features subject to change
Manufactured to CE Mark Standards

