

# SkidWeigh Plus

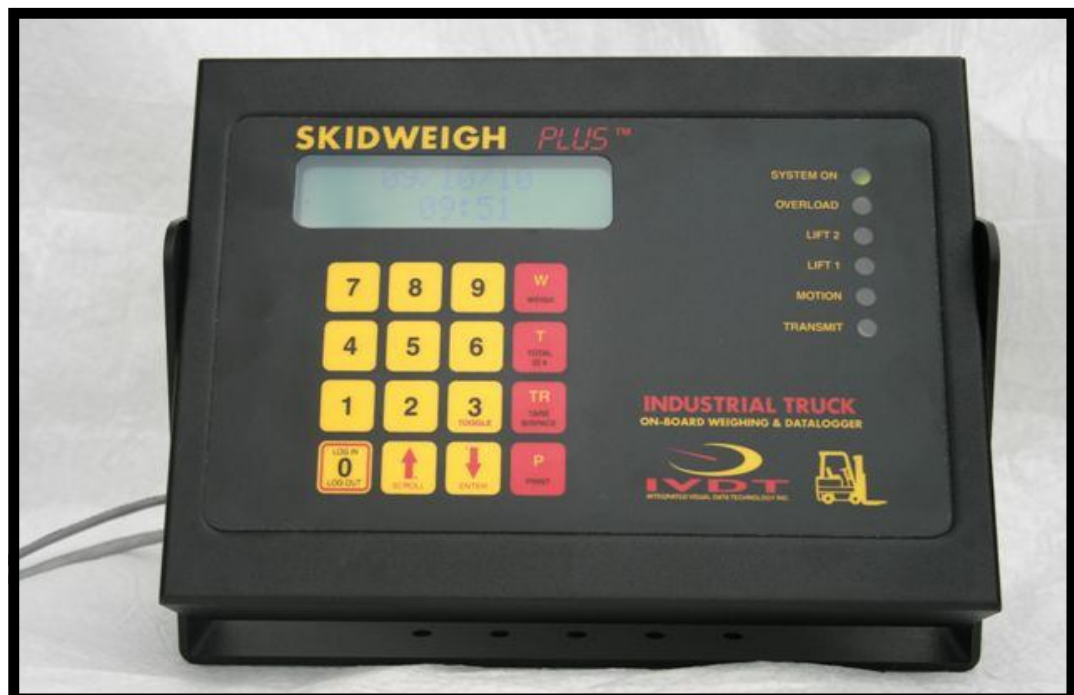
## SP-1000 Series

Universal On-board Check Weighing System for Forklifts / Loaders

The SP-1000 Series is an universal On-board check weighing system for material handling vehicles and hydraulic equipment. System lifting capacity readout is unlimited and will not reduce the lifting capacity of the vehicle. Simple set up, calibration procedure and operation is shown in plain English instruction on LCD display , 2 lines x 16 characters. Automatic calibration is done by lifting the empty and loaded forks just above the ground.

Patented technology worldwide has exclusive software algorithm incorporated in the SP-1000 that allows a variety of operating features to suit different applications.

- Forklifts of all kinds
- Loaders
- Trucks
- Lift Tables
- Waste /Recycling Vehicles
- Dump Trucks
- Side Loaders
- Pallet Trucks
- Custom Scales



## Technical Data

### Electrical

- Operating voltage 12 to 55 V DC
- Operating current 170 mA

### Display

- 2 lines x 16 characters LCD
- Led backlight
- Large character size (4.82 x 8.06 mm)
- Temperature range 0°C to 50° C

### Dimensions:

Length 244 mm

Width 176 mm

Depth 44 mm

Weight 1.2 kg

Universal mounting bracket included

Two anti-vibration mounts, 1/4"-20 UNC

### Environmental

- Operating temperature -10° to 70°C
- Humidity up to 90%, no condensation

### Standard Features

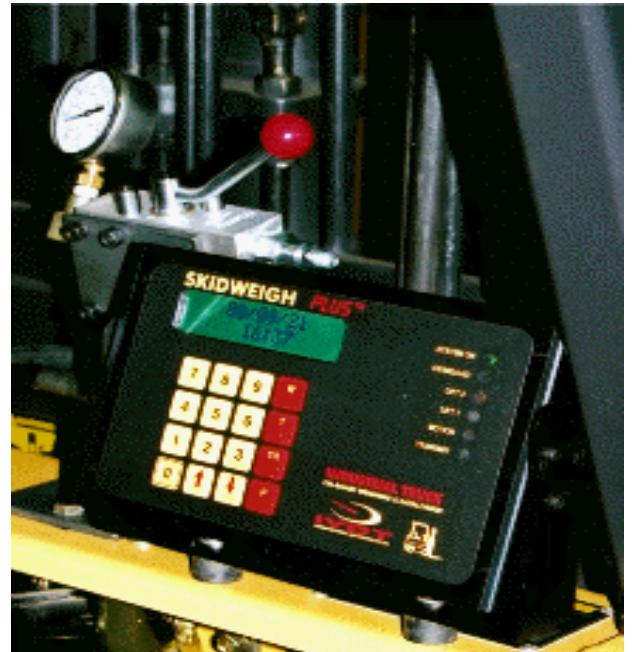
- Standard DB-25 connector
- Enlarged 16 key with tactile feedback
- Audible key signal during data entry
- Sealed keyboard, watertight
- Functions overlay
- System on
- Lift 3 (Overload)
- Lift 2
- Lift 3
- Motion
- Transmitting
- Serial interface RS-232 for on-board printers
- Serial interface RS-232 for PC
- Keyboard tare
- Tare recall
- Automatic weight function calibration
- Hours/ Minutes visual display
- Year/Month/Day visual display
- Allows overall status and session statistics to be displayed on LCD display
- Automatic recovery to user mode after 3 seconds
- Up to 64K bytes for application programs
- Up to 128K bytes for program and data storage

### System Check weighing Accuracy

- +/- 0.5 to 1% of vehicle lifting capacity

### Pressure transducer

- Port connection, male 1/4"-18 NPT
- Proof pressure, 2.5 x range or 6000 PSI
- Built in pressure snubber
- Environmental: NEMA 4X
- Reverse polarity protection
- Over voltage protection
- Short circuit protection
- Housing material, Stainless steel, (AISI 303)
- Weight 95 grams
- Installation, unrestricted
- Input operating voltage 8 to 32 V
- Output signal 0 to 2.5 V



### Sample of the printout ticket

<b>Date:</b>	<b>95/02/23</b>
<b>Time:</b>	<b>11:32</b>
<b>Oper.ID</b>	<b>1201</b>
<b>Vehicle#.</b>	<b>32</b>
<b>Dep.#</b>	<b>12</b>
<b>Way#.</b>	<b>5001</b>
<b># of WRT</b>	<b>4</b>
<b>Tot. Weight:</b>	<b>12015</b>

**Your local forklift dealer**