



AMERICAN FORKLIFT SCALE LLC

Accurate and Affordable Industrial Truck Scales

Model LTWS-1 Patriot System

Rinstrum R320/R323 A309-v4 Scale Indicator

Economy Model Static Weighing Hydraulic Scale

For Lift Trucks and Loaders

Last Revised June 3, 2024

Specification

System Technical Specifications

General Features

- ✓ Most user-friendly system available with built-in troubleshooting diagnostics and our 24-7 **Technical Support Line: 805-236-7406**
- ✓ Hydraulic Transducer: Typically 5000psi 3 mV/ V, 4-Wire, Temperature Compensated.
- ✓ System is designed to work dependably and accurately in the harshest environments.
- ✓ Accumulation feature allows operators to either count up for total or display single load weight.
- ✓ Accurate and requires on average only 2 to 3 hours for installation.
- ✓ RS232 Printer accessory available providing weight, date, time and total weight.
- ✓ Setpoint with Isolated 300mA 50V Output
- ✓ Internal Clock/Calendar
- ✓ +/- 1 to 2% accuracy

Technical Features

Input Power - Voltage	9 - 18Vdc
Input Power - Current/Amps	Maximum 500mA Input
Power - Current/Amps	Nominal: 80mA + 15mA per 350 Ohm transducer
Excitation Voltage	5Vdc
Maximum Transducers	Four (4) X 350 Ohm
Operating Temperature	14F to 104F (10C to 40C)
Control Panel Key Functions	Power/Units, ZERO, Tare, Select, Print, OK/Function
Serial Port	Full Duplex RS-232 format
Display Technology	6 digit LCD 3/4" height
Standard Housing Material	Grey ABS
Weight	1 lb. 6oz.
Shipping Weight	2 lb.
Stainless Steel Washdown Model Available - Contact Us!	

Options and Accessories:

- Receipt Printer
- Voltage-Converter for 24Volt to 48Volt systems
- The heavier the load, the greater the pressure in the hydraulic line. Pressure = Weight
- This signal is transmitted to the In-Cab meter, which calculates and displays the weight on the forks.
- Accuracy and Repeatability are affected by consistency of operation and condition of lift system.
- The American Forklift Scale onboard hydraulic weighing system determines the load weight by sensing the hydraulic pressure needed to extend the lift cylinder for raising or holding the forks.

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Unlimited 24-7 Telephone Tech Support 805-236-7406