



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 20 September, 2021

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

Options and Accessories:

- Receipt Printer
- Voltage-Converter for 24Volt to 48Volt systems)
- 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.
- 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.

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
DisplayTechnology: 6 digit LCD 3/4" height
Standard Housing Material: Grey ABS
Weight: 1 lb. 6oz.
Shipping Weight: 2 lb. 4oz.
Stainless Steel Washdown Model Available.
Please contact us!

American Forklift Scale LLC

6100 Horseshoe Bar Road
Suite A-326
Loomis, CA 95650
Tel: 888-640-2725 FAX: 916-660-0679
sales@americanforkliftscale.com

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