APPLICATIONS

*Attach to any type of hydraulic lifting system and view the weight of the load being lifted.
*Accuracy error less than 2% of lifts capacity.
*Use on forklifts and loaders.
*Converts hydraulic pressures to readable weight display.

MODEL
TR-1-NK-HE

HYDRAULIC DIGITAL SCALE

FEATURES

Water-resistant corrosion proof enclosure with stainless steel adjustable stand/mount
Overload warning.
Weight totalization feature.
Lock-on-Weight for stable viewing and totaling of weight.
All pushbutton controls
Data output for printer or computer
Super bright LED display
Temperature compensated sensor supplied
Optional label printer or thermal tape printer
Made in U.S.A.
The model TR-1-NK-HE digital scale indicator is supplied with a 5000 psi (temperature compensated) sensor with 12 feet of hook-up cable to the digital display. The unit provides a quick and easy weight check for shipping or receiving, or inventory verification. It has a “Lock-on-Weight” feature that keeps the weight on the display while pressure may be bleeding in the lifting cylinder. The ability to weigh while loading eliminates time wasted using a stationary scale. The display is mounted for easy viewing and operation without interfering with the operators view. It gives the operator a quick check for unsafe overloads. The installation is easy and consists of mounting the display in a convenient location and attach the power cord to the vehicle battery. Install the 1/4 NPT sensor by “Teeing” into the pressure side of the lifting cylinders hydraulic line. A known weight load of at least 10% of capacity should be used for final calibration on site. The standard features provide for easy setup and calibration and simple interface to optional printers or computers. The TOTALIZATION feature allows for accumulation when loading or unloading.

NOTE: The accuracy, when installed is governed by mechanical conditions. Accuracy is effected by friction in cylinder pistons, and friction in pivots and slides. The error should be less than 2 percent of the capacity at any load.

THIS SCALE IS A GOOD WEIGHT ESTIMATOR AND IS NOT “Legal for Trade”.

Enclosure .....................ABS sealed 6.5” by 3.5” by 2.25” (without stand)
Display .........................High efficient bright LED  6 digits .56” high
Sensor operating temperature ..........-40c to 125c (-40f to 257f)
Sensor compensated temperature ......-20c to 85c (-4f to 185f)
Humidity ..........................0 to 80% non-condensing
Power .........................12 to 48 volts DC with reverse polarity protection
Graduation ......................10 lb up to 10,000 lbs  50 lbs over 10,000 lbs
Full range push button zero
Display modes for “Lock-on-Weight” or “Static weight”
Adjustable sample rate
Adjustable motion detection and threshold for “Lock-on-Weight”
Reweigh button for “Lock-on-Weight” without reloading the scale.
Data output for printer.

Made in U.S.A.

TARA SYSTEMS
Manufacturers of Electronic Weighing Devices
Add a printer to record the load. Use a roll receipt printer to print each load and the load total.

For printing labels, use our label printer for printing stick-on labels with large print characters and/or bar code information.

Add a radio link to print data at the office or capture it in your computer. (capture software needed when used with a computer)