Thor Forklift Truck Scale in Mild Steel R320 Industrial Indicator

Heavy Weigh Forks, combining time proven durable design with the latest innovations in industrial weighing. High Accuracy Scale 0.1% of the applied load with a Class 2 capacity 2500kg x 0.5kg graduation. Class 3 capacity 5000kg x 1kg graduation. (other display resolutions available) Supplied calibrated and ready to use, power taken from the trucks battery as to maintain a single charging routine.

The R320 is a digital weighing indicator that is fully trade approved under OIML to 4,000 divisions. The unit's software is run from flash memory and can be upgraded in the field using the rin-link connection. The programmable function key can be configured for any one of the built-in functions (Counting, Manual Hold, Peak Hold, Live Weight Totalising). The built-in RS-232 serial port is 15kV protected. Two isolated setpoint outputs provide for basic weight-control or level-control functions.

User friendly design places the indicator in easy reach for the operator with-out heavily infringing on visibility



Display Performa	<mark>anc</mark> e
Resolution	Up to 30,000 divisions, minimum of 0.25mV/division, 20 updates/second (Trac
Zero Cancellation	±2.0mV/V
Span Adjustment	0.1mV/V to 3.0mV/V full scale
Stability/Drift	Zero: < 0.1µV/°C (+ 8ppm of deadload max) < 8 ppm/°C. Linearity < 20ppm.

Excitation	5 Volts for up to 4 x 350 ohm load cells (4 wire or 6 wire + shield)	
A/D Type	24 bit Sigma Delta with 8,388,608 internal counts	
A/D Conversion rate	20Hz with FIR filtering > 80dB	
Operating Environme	ntTemperature: -10 to +50°C ambient, Humidity: < 90% non-condensing	
Digital Display	LCD - six 20mm high digits plus units and annunciators - LED Backlight	
Setup and Calibration	Full digital with visual prompting in plain messages	
Digital Filter	Sliding window average from 0.1 second to 4.0 seconds	
Zero Range	Adjustable from ±2% to ±20% of full capacity	
Power Input Battery	Power taken from the trucks main battery	
Features rin-LINK data coupling	gI.R. Data Coupling for optional rin -LINK cable (to RS-232 PC port)	
	RS-232 automatic transmit, network or printer driving	
Assignable function key 2 isolated transistor-driv	v: Unit switching, counting, manual hold, peak hold and animal weighing.	
Battery backed clock ca	lendar	
Approvals	OIML (TC6242, T6244), NSC (S420), CE, FCC, C-Tick	
Weigh Forks Load cells	IP67 sealed stainless steel load cells—Flintec	
Standard finish	High quality paint finish in blue grey RAL 7031on contact surfaces	
Construction	8mm thick Welded Mild Steel contact surface	
Size	Class 2A forks at 1150mm long (other sizes available which include 2B, 3	3A, 3E
Warranty	12 Months on loadcells	
Cables	Cabling, complete with Amphenol connectors	