

Thor Forklift Truck Scale in Mild Steel X320 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 X320 combines innovation in industrial design and engineering excellence to create an instrument that is ideal for use in food processing, automotive, chemical or pharmaceutical applications or applications that require reliable operation in harsh environmental conditions. The X320 is rated to IP69K which is the industry’s highest environmental protection rating. It has been designed to withstand cleaning with high pressure water jets (1450psi) at high temperatures (up to 80°C) from multiple angles The programmable function key can be configured for any one of the built-in functions (Counting, Manual Hold, Peak Hold, Live Weight Totalising).

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



Display Performance

Resolution	Up to 30,000 divisions, minimum of 0.25mV/division, 20 updates/second (Trad
Zero Cancellation	±2.0mV/V
Span Adjustment	0.1mV/V to 3.0mV/V full scale

Stability/Drift	Zero: < 0.1uV/°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 Environment	Temperature: -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 $\pm 2\%$ to $\pm 20\%$ of full capacity

Power Input

Battery	Power taken from the trucks main battery
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Features

rin-LINK data coupling	I.R. Data Coupling for optional rin -LINK cable (to RS-232 PC port)
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X320 Extra Features	Ten Point Linearity Correction
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RS-232 automatic transmit, network or printer driving	
Assignable function key: Unit switching, counting, manual hold, peak hold and animal weighing.	
2 isolated transistor-drive outputs	
Battery backed clock calendar	

Approvals	OIML (TC6242, T6244), NSC (S420), CE, FCC, C-Tick
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Weigh

Forks

Load cells	IP67 sealed stainless steel load cells—Flintec
Standard finish	High quality paint finish in blue grey RAL 7031 on contact surfaces
Construction	8mm thick Welded Mild Steel contact surface
Size	Class 2A forks at 1150mm long (other sizes available which include 2B, 3A, 3B)
Warranty	12 Months on loadcells
Cables	Cabling, complete with Amphenol connectors