

Weighbeams Mild Steel - IP69K X320 Industrial Indicator

Capacity 3000kg x 0.5kg graduation with a high Accuracy Scale 0.1% of the applied load The Euroscopes Weighbeams are designed for portability and can be re-sited and up and running again in minutes. Their low profile design make them especially easy to load by manual hand pallet trucks.

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 Powering options include: 12-24VDC or 4 AA batteries. It can be panel, desk, wall mounted or mounted on a stand. The programmable function key can be configured for any one of the built-in functions (Counting, Manual Hold, Peak Hold, Live Weight Totalising).



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)
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A/D Type	24 bit Sigma Delta with 8,388,608 internal counts
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A/D Conversion rate	20Hz with FIR filtering > 80dB
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Operating Environment	Temperature: -10 to +50°C ambient, Humidity: < 90% non-condensing
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Digital

Display	LCD - six 20mm high digits plus units and annunciators - LED Backlight
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Setup and Calibration	Full digital with visual prompting in plain messages
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Digital Filter	Sliding window average from 0.1 second to 4.0 seconds
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Zero Range	Adjustable from $\pm 2\%$ to $\pm 20\%$ of full capacity
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Power Input

Standard	12 to 24VDC, 9.6, 12 and 24V batteries (2.5 VA max) - ON/OFF key with mem
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Variant - AC	AC Plug pack: 110/240VAC 50/60Hz in - 12VDC 0.5A out
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Variant - Battery	4 x AA batteries (Rechargeable 2.5 Ah NiMH)
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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
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Battery backed clock calendar

Approvals

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

Weighbeams

Load cells

IP67 sealed stainless steel load cells—Flintec

Standard finish

Smooth steel finish / high quality paint finish in blue grey RAL 7031

Construction

Heavy duty folded mild steel construction

Size

1200mm long + handle, width 120mm, height 60mm

Cables	standard cables 2.5M length with Amphenol plugs
Warranty	12 Months on loadcells
Feet	Weights and Measures certified loadcell mounts, passive zinc plated