



● Application Ranges:

Truck scale, weighbridge scale, mechanical and electronic combined scale, scrap steel scale, bale scale, molten iron vehicle scale, and other industrial electronic scale.

● Performance Specialties:

- * High-integrated level, high-speed, high-accuracy 24-digit Δ - Σ magnifier, A/D converter;
- * New extensive integrate circuit and SMT technology;
- * Strong resistance to interfering, and special use for industry environments;
- * Improving the generality and adaptability of instruments through using programmable hardware joint;
- * Friendly operation interface, supplying abundant clew information;
- * Test by itself, check fault expediently.

Main Functions:

- * Auto-calibration and Hand-calibration;
- * Setting all kinds of work parameters and choosing all kinds of applying function via menu mode;
- * Programmable number strain function;
- * Key-press Tearing;
- * Hand/auto-accumulation;
- * Displaying Time and Date;
- * Auto-Zero;
- * Tracking Drift.

● Main Specifications:

- * Multifunction Series Communication
 - Interface shape (choice) RS-232C or RS-485
 - Baud rate (choice) 300bit 600bit 1200bit 2400bit 4800bit 9600bit
 - Data formula 7 data bits with odd parity bit
 - Site (choice) 1~16
 - Function (choice) standard series scoop big screen joint Transmitter-receiver scoop joint type series BCD count joint type Centronics parallel joint
- * Big Screen Joint
- * Print Joint
- * Two-route Relay Output Joints
 - output of regular contact (250V 5A)
- * One-route Switch Input Joint as outer zero input
- * Display
 - leading display 5-bit 0.8 inch LED red digitron
 - Subordinate display 6-bit 0.5 inch LED red digitron
- * Power Waste $\leq 10VA$
- * Mounted Form desk top type
- * Mechanical 205mmx120mmx224mm (WidthxHighxLength)
- * Environmental Conditions
 - Voltage AC220 $^{+22}_{-33}$ V
 - Rate 50Hz $\pm 1Hz$
 - emperature 0°C~40°C
 - Humidity 40°C (20~90)%RH
 - No corrosive gas and no strong EMI in use field.

● Main Parameters:

Accuracy Grade	3 levels
No-linearity	0.01%F·S
Input sensitivity	0.25 μ v/d
Input signal	1.0mV~30mV
A/D Conversion Rate	100 times per second
Internal Resolution	1,000,000 Counts
External Resolution	$\leq 60,000$ Counts
Zero Temperature Effect	$\leq 0.2 \mu$ v/°C
Full Temperature Effect	$\leq 10PPm / ^\circ C$
Excitation Power Voltage	DC5V $\pm 0.3V$
	Current 120mA(8-350 Ω Load cells)
Simulation Output Signal	two-route independent
Programmable Current Signal	4~20mA load resistance 750 Ω 0~10mA load resistance 1.5k Ω Accuracy 0.2%F·S