

320S High Performance Batch Weighing Controller



320S is a powerful model specially designed for weight control. It has a small size and a large screen, which is convenient to store in the control machine or inlay on the control panel without taking up space.

The A/D conversion rate is increased by up to 360 times per second, and the firmware update of the web browser is supported. The webpage can control the specification setting, which improves the operation efficiency and is more intuitive. You can use Onboard RS-232 and RS-485 to communicate with different devices at the same time. USB data log is more convenient for data management and storage.

The the LED character height is 21mm , and the red and green design suits various usage environments. Industrial-grade high anti-interference ability, the cabinet has a sturdy matte brushed texture.



APPLICATION



Hopper scale



Check Weigher



Packing / Bagging
Scale



Feeding / Discharging
Weighing Control

320S High Performance Batch Weighing Controller

FEATURES

- Large 6-digit LED Display (21mm high)
- Highspeed A/D conversion with powerful digital processing capability 360 times/second
- Installed RS-232 and RS-485 interfaces
- External USB Data Log
- Easy setting and update via Web Browser
- EN 61010-1:2010/A1 and EN61326-1 applied

SPECIFICATIONS

Analog

Load cell excitation	DC 5V \pm 5%, 120 mA [8x350 Ω load cells sensor]
Max.load cell input voltage	0 ~ 4.0 mV/V
Input sensitivity	0.2 μ V/D
A/D resolution	360 times/second

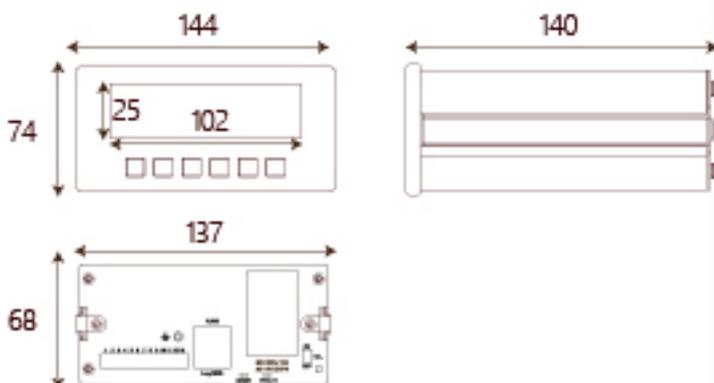
Digital

Display	6 digits red or green LED, 21mm, 7-segment
Decimal point position	Selectable 0, 0.0, 0.00, 0.000
Display frequency	Optional: unlimited /20/10/5/1 times/second
Number of digits	-199999 to 999999
Minor division	1, 2, 5, 10, 20, 50
Status display	4 selectable status: Zero, MD, Gross, Net, Accu.V, Accu.C, SP1, SP2, SP3, Hi, OK, Lo, Under, Over, Unloading, Running, Hold
Button	ON/OFF, Zero, Tare, F1, F, Enter

Interface

RS-485	Support Modbus RTU
RS-232	Can simultaneously support RS-485 and other devices
USB	Support USB data log and time setting
RJ-45	Support Ethernet web browser to update and Support Modbus RTU over TCP/IP

DIMENSIONS(mm)



General

Power source voltage	AC 90 ~ 240V 50 / 60Hz
Power consumption	About 10 VA
Operating temperature	0°C ~ 40°C
Operating humidity	< 85% RH
Safety regulations	EN 61010-1:2010/A1 EN61326-1 (Low Voltage Directive) (EMC Directive)

Other

Memory content	Calibration data, Function data Other settings (EEPROM)
Calibration data protection	Calibration data and related settings protection function, can not be changed arbitrarily

Options

OP-01	RS-422 / RS-485 / RS-232 serial interface
OP-02-1	BCD Parallel output interface (Open Collector)
OP-02-2	BCD parallel output interface (TTL)
OP-03	Analog output interface (4 ~ 20mA, 0 ~ 10V)
OP-04	Control I/O (4 In / 4 Out) + Setpoint Input (BCD Code)
OP-04E	Relay Output (4 In / 4 Out)
OP-04C	Hi, Lo input interface
OP-04F	Setpoint input interface
OP-05	Control I/O (8 In / 8 Out)
OP-05E	Relay Output (8 In / 8 Out)



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