

## R-500

Rabbit Control Systems  
Automation & Control Engineering



## Features

RCS R-500 is a simple precise and reliable digital weight indicator. This device has been designed for high accuracy weighing systems.

## Functions

- Six digits LED display
- Zero tracking function
- Digital filter function
- Counting function
- Anti-vibration function
- Optional RS-232 serial port
- Optional scoreboard interface
- Error compensation system
- Optional Kg/lb mode
- Optional average calculating

### Load cell

Excitation voltage	5 VDC
Maximum load	Four 350 ohm load cells
Connector	DB-9

### Input

Conversion speed	20 times/sec.
Signal range	-10 mV to 15mV

### Power Supply

Voltage	185V to 240V AC
Frequency	50 Hz
DC inside battery	6 VCD @ 4AH

### Resolution

Display divisions	+30000 Divisions
Internal divisions	20 bits

### Dimensions

Width	250 mm
Height	450 mm
Depth	170 mm
Weight	2000 gr

### Panel

Display Type	Six digits 27mm 7segments
Keyboard type	5 Micro Switch keys
Annunciators	Zero, Tare, Function, Stable, Counter

### Environment

Storage temp.	-10 C to +70 C
Operating temp.	+5 C to +40 C

### Others

Filter	Analog & Digital
External display	20mA current loop (Optional)
Serial output	RS232 (Optional) with selectable baud rate