

# C-1500

## Weighing Controller

The C-1500 are easy-to operate indicators for general use. Aluminum alloy housing.

Application: Weight / Force Display, Peak Value, Setpoint Upper/Lower Limit Output and AO/Digit Transmission.

### Software Feature:

24 bits High-Precision and High Speed ADC  
 Sampling frequency 1280Hz  
 AD digital filter  
 Digital calibration  
 Weight / Force Display, Peak Value, Setpoint  
 Upper/Lower Limit Output and AO/ Digit Transmission



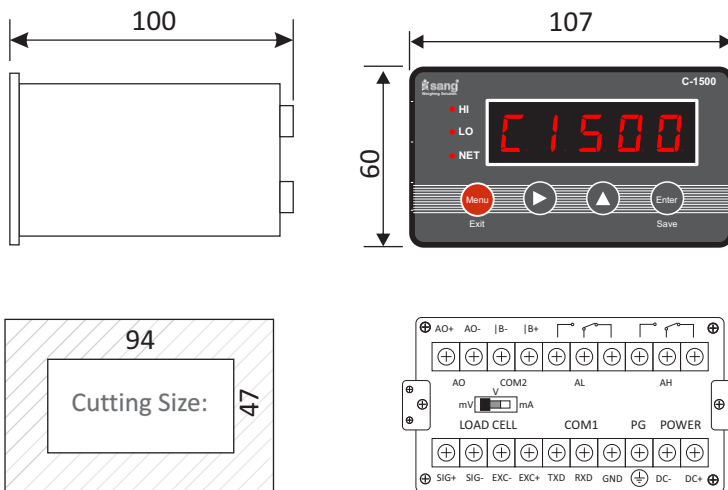
### Technical Data:

Accuracy class: OIML III  
 24 bits A/D converter  
 high-speed  $\Sigma$ - A/D conversion module  
 with 1/1,000,000 internal resolution  
 Range of signal:-0~19.5mV  
 Weighing, zero, tare, fixed value  
 Optional RS232 and RS485 communication ports  
 5 Red LED character and digit display  
 Scale Capacity: Setting Range 1~99,999  
 Scale Division: 1, 2, 5, 10, 20, 50, 100, 200, 500  
 Decimal Point: 0, 0.0, 0.00, 0.000, 0.0000  
 Display Refreshing Time: 0.01~1.00s  
 4-key keypad for Menu & Shortcut mode operation.

### Hardware construction:

Power supply: 24vDC  
 excitation voltage: 5vDC $\pm$ 5%  
 Load cell number: up to Eight 350  $\Omega$   
 Load cell sensitivity: 0 ~ 3.0mv/v  
 Load cell connections: Four wire  
 Relay output: 2 output, AC250v / 24VDC 1A  
 Analog output: 4~20mA, Non-linearity: 0.05%FS.  
 Serial port: RS232/RS485, baud rate 9600~115200bit/s

### Physical Dimension



### Operating Specification

Operating Voltage: DC24V $\pm$ 20%.  
 Max. Power Consumption: 5W.  
 Outline Size: 107 $\times$ 60 $\times$ 100mm [W $\times$ H $\times$ D].  
 Panel Cut-out Size: 94 $\times$ 47mm [W $\times$ H].  
 Operating Temperature: -25 $^{\circ}$  to +40 $^{\circ}$ .  
 Storage Temperature: -30 $^{\circ}$  to +60 $^{\circ}$ .  
 Relative Humidity: Max. 85%RH.  
 Protection Level of Front Panel: IP65.  
 Weight: Approx. 0.3kg.

Reliable and Rugged! 