

# CI-150A | Weighing Controller



## Features

- ▶ High speed ADC : 320 times/sec
- ▶ Load Cell (350Ω) Possible simultaneous connections of 8EA
- ▶ Support Modbus RTU Protocol
- ▶ Terminal block Port
- ▶ Multi point calibration
- ▶ Provide various interfaces
- ▶ Weight Back-Up (Saving of weight at sudden power failure)
- ▶ Watch-Dog circuitry (System restoration)

## Option

- ▶ RS-485 (Modbus RTU)
- ▶ External 2 Input / 4 Output
- ▶ Analog output (V-out/I-out)
- ▶ RTC (Real Time Clock)

## Specifications

Model	CI-150A	
Load cell excitation voltage	DC5V	
No. of Load cell connection	8ea (350Ω)	
Zero Adjustment Range	0.05mV ~ 5mV	
Load cell Input Range	-1.2mV/V ~ 3.2mV/V	
Input sensitivity	0.36uV/D (OIML, KC), 0.2uV/D (Non-approval)	
A/D Internal resolution	1/1,000,000	
A/D external resolution	1/10,000 (OIML, KC), 1/30,000 (Non-approval, Max)	
A/D conversion speed	Up to 320 times/sec	
Display	6digits LED (Character Height: 13mm)	
Key	5 Function keys	
Interface	Basics	RS-232C
	Option	RS-422/485, Analog output (V-out/I-out)
External Input / Output	Input 2ea / output 4ea (Option)	
Operating Power	DC 9~24V, 1.5A	
Operating Temp	-10 ~ 40 °C	
Product Size (W x D x H)	110 x 100 x 66mm	
Panel Cutting Size (W x H)	105 x 61mm	
Product Weight	0.4kg	