



WE WEIGH THE WORLD

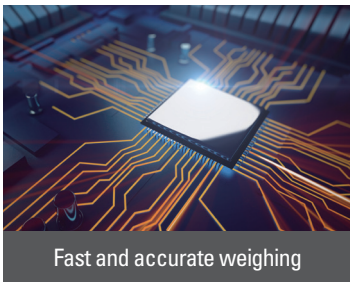
Weighing Controller

CI-400A SERIES



Weighing Controller

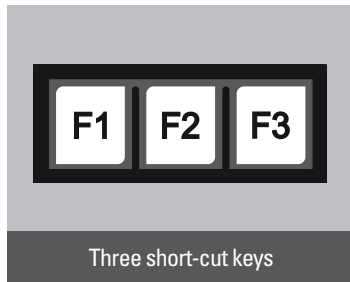
CI-400A series is capable of fast and accurate weighing via high-performance A/D converter. Suitable for a wide variety of applications from general platform scales to advanced weighing equipment such as hopper and packing scales.



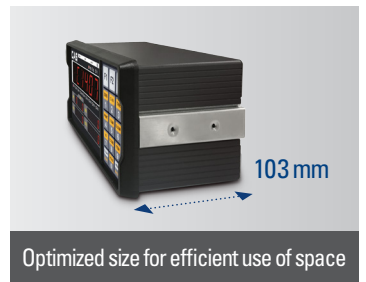
Fast and accurate weighing



High-Visibility LED display



Three short-cut keys

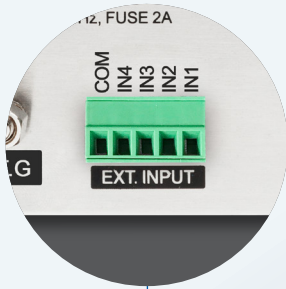


Optimized size for efficient use of space



CI-400A SERIES

Features



Terminal block

Easy to wire with external equipments such as printers, PLCs, PCs and more via the terminal block.

Fast and accurate weighing

CI-400A series provide high speed A/D conversion with excellent processing capabilities (5~320 times/sec), and high resolution display of 1/10,000, which make fast control and accurate weighing for all input range.

Optimized size for efficient use of space

Product depth size is shortened 40% compared to former products, so user's can enhance space-utilization of weighing panels or cabinets.



High visibility LED display

Via high visibility LED display, monitor weighing data more accurately. Also, sub displays on CI-405A/407A would make setting and data monitoring so much easier.

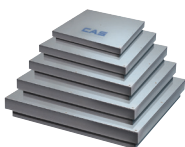
Shortcut key setting(F1~F3)



Users can setup the 3 short-cut keys preferred or mostly commonly used functions for greater ease of use.

Applicable to various processes

Suitable for a wide variety of applications ranging from general platform scales to advanced weighing and measuring equipment, such as hopper and packing scales, filling machines and more.



Platform



Filling machine



Packer Scale

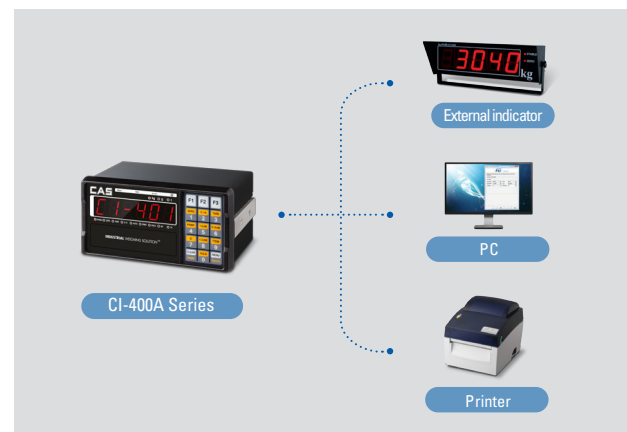
Shielded against noise (RFI & EMI)



CI-400A's structure is shielded against noise such as RFI and EMI, offering supreme stability among harsh environmental conditions.

Various interfaces

Applied with built-in serial communication(current loop, RS-232C*2ea), CI-400A series can be used in conjunction with an external indicator, PC, or printer.



CI-400A Series



CI-401A

- Basic type
- External Input : 4ea
- Application: Tester, Platform scale, Animal scale, Truck scale etc.



CI-405A

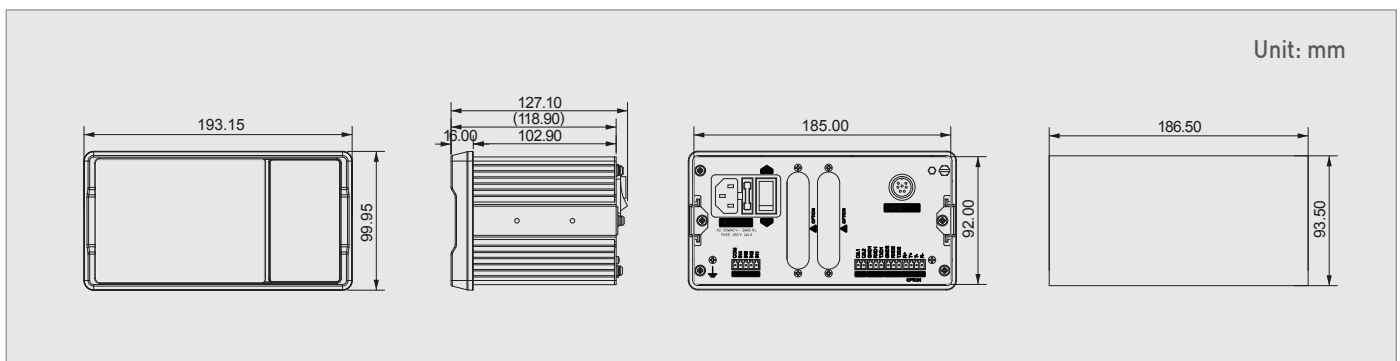
- 1~4step control
- External In/Output : 8ea / 6ea
- Sub display : ITEM, SP1, SP2, Count
- Application : Tester, Platform, Animal scale, Truck scale, Packing scale, Hopper scale etc.



CI-407A

- Batching control / Loss-In-Weight function
- External In/Output : 8ea / 6ea
- Sub display : ITEM, FALL, FINAL, SP1, SP2
- Application: Tester, Platform, Animal scale, Truck scale, Packing scale, Checking scale, Hopper scale (for Loss-in-weight) etc.

Dimensions



Specifications

Model		CI-401A	CI-405A	CI-407A
Loadcell excitation voltage		DC5V		
No. of Loadcell connection		8ea (350Ω)		
Loadcell Input Range		-2.0mV/V ~ 3.0 mV/V		
Input sensitivity		0.3 uV/D(CE), 0.2 uV/D (Non-approval)		
A/D external resolution		1/10,000(CE), 1/30,000 (Non-approval)		
A/D conversion speed		Up to 320 times/sec		
Display	Main	7-segment 6digits LED (Character Height : 20mm)		
	Sub	-	7-segment 4digits LED * 2ea 6digits LED * 2ea (Character Height : 8mm)	7-segment 6digits LED * 4ea (Character Height : 8mm)
Key		Numeric key, Function key x 5ea(F1~3, CLEAR, MENU)		
Status Lamp		Stable, Zero, Tare, G/N, Auto, Print, Hold, Rx, Tx	Stable, Zero, Tare, G/N, SP1, SP2, SP3, SP4(Finish),Comm	
Interface	Standard	RS-232C * 2ea(COM1, COM2), Current loop, External 4 Input		
	Optional	RS-485(supports Modbus RTU), Analog Output(0~10V, 4~20mA), BCD_In/Output,		
External In/Output		4 Inputs	8 In / 6 Outputs	8 In / 6 Outputs
Relay Mode		-	- Limit Mode 1,2 - Packer Mode 1,2 - Checker Mode 1~5 - Auto Tare Packer - Auto Tare Auto Packer1, 2	- Limit Mode - Packer Mode - Loss in weight (3step Discharge mode) - 1step Feed, 2step Discharge 1, 2 - 2step Feed, 1step Discharge - 3step Discharge Program Mode - 3step Discharge limit Mode - 2step Feed, 2step Discharge 1, 2
Operating Power	AC	AC100~240V 50/60Hz		
Operating Temp.		-10 °C ~ 40 °C		
Product Size		185 (W) x 103 (D) x 92 (H)		
Product Weight		1.2 kg		

Applications



Options

- RS-422/485(supports Modbus RTU protocol), Analog output, BCD In/Output
- Remote display(CD-3000 Series)
- Printers

