

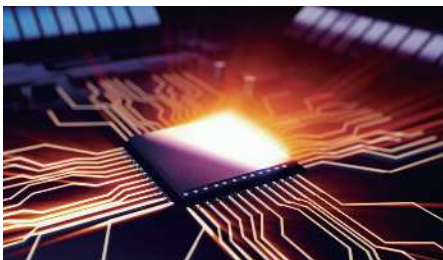
## Industrial Indicator

# CI-170A



## Fast and Accurate Industrial Indicator CI-170A

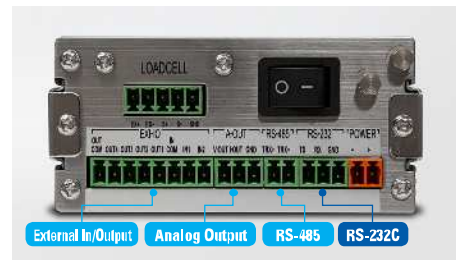
CI-170A provides a fast control and an accurate weighing in various industrial environments via up to 320times/sec of A/D conversion speed and 1/10,000 of high display resolution. Compact body designed according to DIN standard[96(W) x 48(H)mm] offers a space saving structure.; User can enhance a space utilization of weighing panels or cabinets. Also, Various Interface are available such as External I/O and Analog Output, RS-232C, RS-485.



Fast Control & Accurate Weighing Performance



Compact DIN Size Body & Clear LED Display

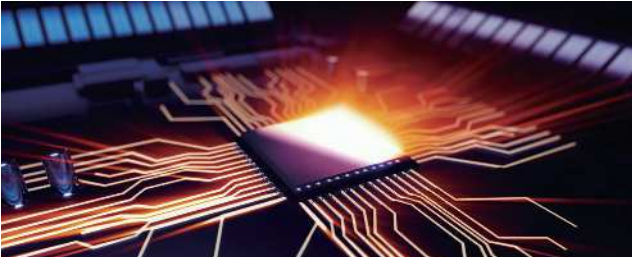


Various Interface

## Feature

### 1. Fast Control & Accurate Weighing Performance

Via up to 370times/sec of A/D conversion speed and 1/10,000 of high display resolution, CI-170A provides a fast control and an accurate weighing performance.



### 2. Compact DIN Size Body & Clear LED Display

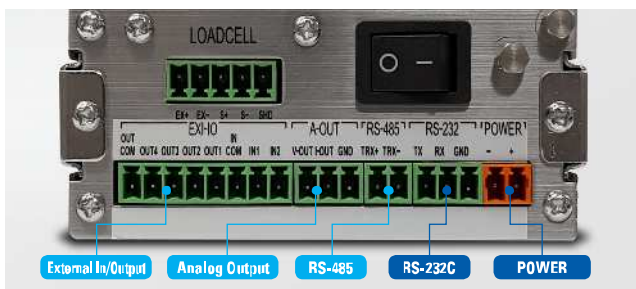
With Compact DIN size body, CI-170A is suitable to be installed in a small weighing panel. also user can easily check the weight value with clear LED display.



### 3. Various Interfaces

Various Interfaces of CI-170A make it easy to be connected with other equipments.

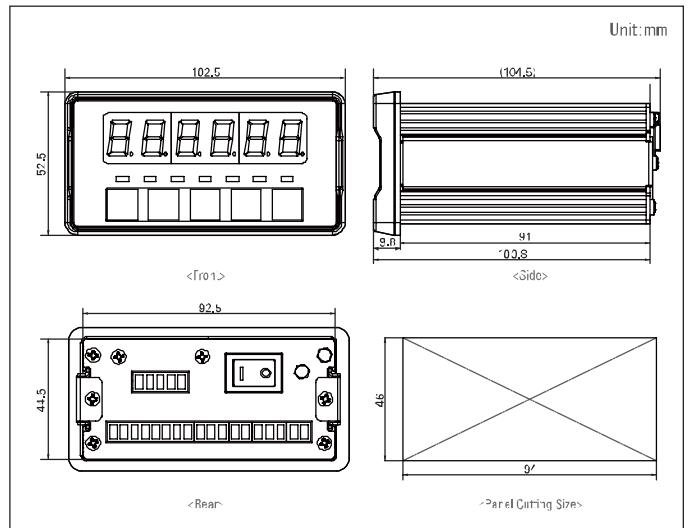
- Standard : RS-232C.
- Option : External 2In/4Output, RS-485(Supported Modbus RTU Protocol), Analog Output.



## Specification

| Model                       | CI-170A   |  |
|-----------------------------|---|--|
| Loadcell excitation voltage | DC 5V   |  |
| Loadcell connection         | 8 EA (3500)   |  |
| Zero adjust range           | 0.05mV ~ 5mV  |  |
| Input sensitivity           | 0.2 uV/D (Non Approval), 0.36 uV/D (CE)                               |  |
| A/D internal resolution     | 1/1,000,000   |  |
| A/D external resolution     | 1/30,000 (Non Approval), 1/10,000 (CE)                                |  |
| A/D conversion speed        | Max. 320 times/sec  |  |
| Display                     | LED (6 digits, Height : 13mm)   |  |
| Key                         | 5 Function key  |  |
| Interface                   | Standard  | RS-232C  |
|                             | Option  | RS-485(Supported Modbus RTU), RTC, External 2In/4Output, Analog Output |
| Power                       | DC 9 ~ 24V, 1.25A   |  |
| Operating Temperature       | -10 °C ~ 40 °C  |  |
| Product Size (mm)           | 102.5(W) × 52.5(H) × 100.8(D)<br>[Panel Cutting Size : 94(W) × 46(H)] |  |
| Product Weight              | Approx. 0.4 kg  |  |

## Dimension



## Application

- Filling Machine, Hopper Scale
- Platform Scale



## Option

- RS-485 (Supported Modbus RTU)
- RTC (Real Time Clock)
- Analog Output (0~20mA, 0~24mA, 4~20mA, 0~5V, 0~10V, ±5V, ±10V)
- External 2 Input/4 Output
- Adaptor (DC 12V, 1.25A)

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\* Specifications are subject to change without notice improvement.