

# CT-130D

## Digital Indicator

### FEATURE

This product is suitable for measuring physical quantities (load, torque, displacement, pressure etc). Especially, it is convenient when two sensors of same or different current are installed at the same time for comparison measurement.

It has functions such as digital display, analog output, relay function and features two display windows on the front panel.

- 2 channel indicator
- High resolution : 24bit ADC, 16bit DAC
- High precision (more than 0.01% F.S ) and stability
- Unit conversion (kg, N, lb, kg/cm<sup>2</sup>, bar, Mpa)
- Calibration with actual load and sensor output value
- Auto zero function (display & analog output zero simultaneously)
- Automatic return of system error



### SPECIFICATION

Application sensor	Strain gauge type sensor
Sensor authorized voltage	DC 5V
Zero adjustment range	100% F.S (Auto zero)
Signal input range	0.5 ~ 3 mV/V
Display range	-19999 ~ +99999
Character height	7 segment LED 14mm
A/D Converter	24bit 200times/sec
D/A Converter	16bit
Zero variation	Within 0.5μV/°C
Sensitivity variation	Within 0.01%/°C
Output	DC 0~10V (4~20mA:option)
Contact capacity	AC 250V 5A
Relay life span	Over 5 million times
Usage temperature range	-10°C ~ 60°C
Humidity	Less than 80% RH
Power	AC 90 ~ 240V 50/60Hz
Weight	About 600g

### FUNCTION

- Peak & Sample hold
- Upper and low limit comparison output
- Analog out (DAC)

### OPTION

- OP-02: RS232C serial interface
- OP-03: RS485 multi drop interface

### DIMENSION (mm)

