

AC07A1 Weighing Indicator

1) General Introduction

AC07A1 weighing indicator is a high performance and multiple functions device at a low price. It has a LED display; the data displayed on is ultra-bright and clear with a height of 0.8". It is equipped with an instant intellectual digital A/D convert and digital filter technology; therefore, it has fast and stable reading, high resistance to interference and long transmitting distance between A/D convert and the meter. With a standard parallel printing interface, it has manual accumulation and several other accumulation modes of printing function. Also it has power failure data safeguard function. AC07A1 weighing indicator is an ideal control meter for various weighing machines, such as table scale, vehicle scale and hopper scale. It also has set points output function, which can be used for check scale and set quantity control system.

2) Main functions and specifications

1. Double CPU, intellectual digital filter: fast and stable, long transmitting distance and high resistance to interference.
2. Power fail data safeguard for tare and accumulation weight.
3. Multiple ways of auto accumulation print function: record printing is available.
4. Automatic zero point and measuring range calibration function.
5. The interface between meter and A/D convert is standard RS-485.
6. Standard parallel printer interface can be connected with many types of printers.
7. Power: AC220V (-15%, +10%), 50Hz, 3W
8. Working temperature: $-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$
9. Relative humidity: < 90%
10. Digital display: 5 digits, ultra-bright 0.8" LED display (character is 20mm high)
11. Indicative light: zero point, tare, automatic, stable; high, middle, low.
12. Weighing range: $-2\%F.S \sim 100\%F.S + 9d$.
13. Zeroing range: power on initialization: $\pm 20\%F.S$; press key: $\pm 2\%F.S$.
14. Tare range: $0 \sim 100\%F.S$.
15. Load cell inspired voltage: 5V; Maximum output current: 120mA (can drive 8 load cells with 350 Ω).
16. Load cell input sensitivity: 0.5mv/v \sim 4.0mv/v for all resistance inductive kinds.
17. Zero range adjustment: $\pm 100\%F.S$.
18. Zero point temperature drift: < 0.1 $\mu\text{v}/^{\circ}\text{C}$.
19. Measuring range temperature drift: < 10PPm/ $^{\circ}\text{C}$.
20. Non-linear tolerance: < 0.01%F.S.
21. A/D converts type: 3 integral.

This is a “Table of Contents preview” for quality assurance

The full manual can be purchased from our store:

[https://the-checkout-tech.com/manuals/Accuweigh/AC-07A1 Indicator operation manual.](https://the-checkout-tech.com/manuals/Accuweigh/AC-07A1%20Indicator%20operation%20manual)

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