

A&D Co., Ltd.

AD-4402 Weighing Indicator

**This unit facilitates the construction of sophisticated and complex metering systems!
It incorporates diverse convenient and simple support functions.**



Features

- The indicator is compatible with the CC-Link (but a CC-Link I/F OP-20 is required). Material codes can be set, or metering can be controlled, through the CC-Link.
 - The indicator has a full line of metering sequence functions, such as filling, blending, and mixing, adaptable to various metering systems.
 - The indicator is equipped with numeric keys and function buttons designed to enable the operator to operate it according to Japanese messages without consulting the operation manual.
 - The main display panel uses a large-size fluorescent character display tube displaying characters of 18 mm in height, achieving an improved visibility of weight values displayed. The sub display panel displays code names and error messages in katakana and alphabetic characters, as well as bar graphs.
- The indicator can respond to any variation in weight values without delay at a high-speed A/D conversion rate of 100 times per second. A predictive control function ensures high-speed response at 1 ms in gate control.
 - Up to 100 material and blending (recipe) codes can be registered. These codes can be easily called by operating the numeric keys.
 - Functions and codes can be set, read, rewritten, and backed up on a personal computer.

Specifications

Item	Specifications
Power supply	85 to 250 V AC, 50/60 Hz (24 V DC: custom-ordered)
Power consumption	Approx. 30 VA
Load cell applied voltage	10 V DC \pm 5%, 230 mA
Input sensitivity	0.3 μ V/d. (d = minimum graduation)
Max. measuring range	0 mV/V to 3.2 mV/V
A/D conversion speed	100 times/sec.
A/D conversion system	Delta sigma system
Nonlinearity	0.01 % of F.S.
External I/O unit	11 input points and 11 output points (no-voltage or open collector) RS-485, 20 mA current loop
Operating temperature range	-5°C to 40°C
Option	BCD, RS-422/485, analog output, CC-Link I/F, etc.
External Dimensions	192 (W) \times 135 (D) \times 96 (H) mm (projection not included)
Panel cutting dimensions	186(W) \times 92(H) mm
Body mass	Approx. 1.8 kg