AD-4402
Multi-Function Weighing Indicator

Performs many operations, from batch weighing to field bus networking applications.
AD-4402

- A&D’s new indicator, the AD-4402 is designed for batching operations and can also be incorporated into systems using Field Bus such as CC-Link, DeviceNet and PROFIBUS.
- AD-4402 has almost all the functions, user-friendly operating procedures and software you need for your weighing system.

**Features**
- Large and easy to see blue Vacuum Fluorescent Display (VFD).
- A ten key pad and function buttons that are designed for ease of operation and understanding.
- The main display has a 7-digit VFD with 18mm tall characters.
- The subdisplay has 108, 5mm tall characters and shows the values and error comments.
- Pre-programmed with multiple sequences and functions for filling machines, simple mixing machines and other applications.
- Stores 100 data for raw materials and 100 data for recipe codes.
- 85-485 Serial Interface standard feature allows you to link up to 32 units to the display and supports the Modbus function.
- The Monitor Function shows each operating interface and provides a confirmation on the display.
- The compact body meets DIN requirements, while minimizing the depth of the indicator to 115mm.
- With the proper optional interface, the AD-4402 is compatible with CC-Link, DeviceNet, PROFIBUS.
Multi-Function Weighing Indicator

Applications

AD-4402 can be incorporated in various applications that integrate complex systems, thereby facilitating a wide variety of sequences, such as basic filling/discharge, recipe, mixing, compensation and preliminary sequences.

Milling System Control by AD-4402

- Control up to 16 mills
- Recipe Control
- Up to 160 recipe combinations

Nicole Control Application

- Can vary from 1 to 1000 millimeter or other dimension
- 10 buttons for easy operation

High Communication Capability

- RS-485 interface
- Network up to 32 devices
- PLC, PC, etc. connect
- Expandable system capacity

Overwriting and Memorizing Setting Parameters via PC

- Built-in memory
- PC/RS-232 interface

Field Box Network

- Expects your network
- System wiring between receiving the data
- Data signal upload and download
- Field Box connected

Multi-function, maintenance

- PLC
- Online maintenance
- Field Box (options)
On the main and sub-displays, a Vacuum Fluorescent Display was used for easy visual recognition. Operation keys are arranged by function for easy setting and reading the contents. What's more, there are messages for each setting and function and current status on the sub-display. Even without an instruction manual, you can handle many emergencies.

**Display example**

The AD-4402's interactive, easy to see character arrangement and graphics are very user-friendly.

**Rear Panel Descriptions**

There are many features, like selectable I-O control terminals, standard RS-485 IF and PLC field bus networking interfaces such as CC Link, DeviceNet and PROFIBUS.

- LED red input 3 3/8″ x 1/2″ up to 8 units
- Replacement A/D board available
- Accuracy guaranteed to ±0.3%
- (5) optoisolizers, up to 3 optoisolizers standard
- (1) antenna input, (1) 4-20mA standard, up to 32 units connected simultaneously.
- (8) Programmable control G - input 1 (1)
- (8) A/D, Power 5VDC (AD-4850 only)
- DC 24V (AD-4850 only)