

***National Type Evaluation Program
Certificate of Conformance
for Weighing and Measuring Devices***

For:

Indicating Element
Digital Electronic
Models: AD 4325A and AD 4325V
n_{max}: 10 000

Accuracy Class: III/IIIL

Submitted by:

A&D Engineering
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Standard Features and Options

Blue, fluorescent type weight display
Red, LED type preset parameter displays
Gross/net/tare display modes
Internal pound/kilogram conversion
Semi-automatic zero and tare with motion detection
Automatic zero setting mechanism
Integral automatic or manual batching capability using operator or computer
entered preset weights
AD 4325V is a repackaged version of the AD 4325A in a vertical case

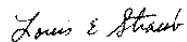
Options:

RS-232/current loop output
External I/O interface
Software interface capability

Temperature Range: -10 °C to 40 °C (14 °F to 104 °F)

This device was evaluated under the National Type Evaluation Program (NTEP) and was found to comply with the applicable technical requirements of Handbook 44, "Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: September 22, 1992



Louis E. Straub
Chairman, NCWM, Inc.



G. Weston Diggs
Chairman, National Type Evaluation Program Committee

Issue date: October 2, 1992

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This is a reissuance by the NCWM of a Certificate of Conformance already issued by the National Institute of Standards and Technology.

A and D Engineering
Digital Electronic Indicating Element
Models: AD 4325A and AD 4325V

Application: Multiple ingredient batching/preset indicating element for use with one or more compatible certified weighing elements.

Operation: The indicator has an integrated setpoint function and display on the face of the device. Three red LED type displays are used to set and store five batching parameters for each setpoint code. The "SET POINTS" display is used to store up to one hundred setpoint codes. The "FINAL WEIGHT" display is the target weight desired and utilizes five spaces with three spaces provided for the "FREE FALL" value. This value is the amount of material that falls into the hopper after the flow gate is closed. The "PRELIM" parameter is the value set for dispensing large amounts of product at a single draft and uses the first four spaces in the window. The "OVER/UNDER" parameter utilizes two spaces and provides the desired limits for over and under dispensing of the target weight.

Identification: The manufacturer's identification, model, and serial numbers are located on the side of the device. The required capacity information is located on the face of the device.

Sealing: The calibration/programming switch cover located on the face of the device may be sealed with a wire or pressure sensitive security seal.

Test Conditions: The emphasis of this evaluation was on the device design, operation, and interaction with the batching and preset functions. The indicator was tested for accuracy over a temperature range of -10 to 40 °C and a voltage range of 100 VAC to 130 VAC. The results of these tests indicate the device complies with applicable requirements.

Type Evaluation Criteria Used: 1992 Edition, National Institute of Standards and Technology Handbook 44

Tested By: Ronald Flores (CA)