



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance
for Weighing and Measuring Devices

For:

Non-Computing Scale
Platform Scale, Full Mechanical
Model: 854F
 n_{max} : 2 000
Capacity: (see page 2)
Platform: 19" x 28"
Accuracy Class: III

***Submitted By: Contact Info. Updated: October 2010**

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Standard Features and Options

Standard Features:

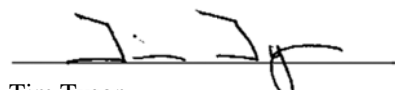
- Fabricated Steel Lever System
- Sliding Poise with Locking Mechanism
- Tip Weights
- Level Indicating Means

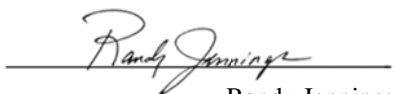
Option:

- Levertronic Conversion Capability (factory converted scales are identified as additional models listed on page 2)

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

This device was evaluated under the National Type Evaluation Program and was found to comply with the applicable technical requirements of "NIST 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. *Editorial changes, not affecting the type or metrological content, corrected this certificate.


Tim Tyson
Chairman, NCWM, Inc.


Randy Jennings
Chairman, National Type Evaluation Program Committee
Issued: October 29, 2010

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**Cardinal Scale Manufacturing Co.**

Non-Computing Scale / 854F

Application: General purpose.**Additional Model Numbers:**

Levertronic	Mechanical	Nominal Capacity	Weighbeam Capacity	e _{min} Digital / Electronic
	854F-50P	500 lb	50 x ¼ lb	
	854F-50K	500 kg	50 x ¼ kg	
5852F*	854F-50PK	500 lb	50 x ¼ lb	.2 lb
8851F**		400 kg		.2 kg
6850F**		200 kg	20 kg x 100 g	.1 kg
8850F**		800 lb		.5 lb
8852F**	854F-100P	1 000 lb	100 x ½ lb	.5 lb
5850F*	854F-100PK	1 000 lb	100 x ½ lb	.5 lb
		500 kg	50 x ¼ kg	

* Reference Conversion kit, Certificate of Conformance Number 90-111

** Reference Conversion kit, Certificate of Conformance Number 90-110

All mechanical models can be equipped with double weighbeams and poises for tare purposes. A suffix "DB" is added to the model number for this option.

Identification: The identification label is located on the column for the mechanical scales and on the column and the digital weight indicator for the levertronic scales.

Test Conditions: This Certificate supplements Certificate of Conformance Number 88-106 to include the factory converted levertronic versions. The results of the evaluations conducted on the conversion kits (Certificates of Conformance Numbers 90-110 and 90-111) and the Model 854F mechanical scale (Certificate of Conformance Number 88-106) indicates these devices comply with applicable requirements.

Evaluated By: Gary Castro and Pierre Labossiere (CA)

Type Evaluation Criteria Used: NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 1990. NCWM, Publication 14: Weighing Devices, 1990.

Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.