



A36637- 66 - 59

E.O. 5706

Date of Issue: 4/11/2017

Certificate of Calibration YPC Multifunction Tester

Certification Date: 4/11/2017**Model Number/Range:** 4000**Recertification Date:** 4/11/2018**Serial Number:****Sensor I.D. :**

Meriam Process Technologies hereby certifies the accuracy of the above listed product to be $\pm 0.025\%$ of F.S. + 0.001% of Span per $^{\circ}\text{F}$ (ref. temp. 70°F) for voltage and current measurements [includes combined effects of linearity, repeatability, and hysteresis] over the temperature range of 23°F to 122°F . Note: Accuracies of modules used for other types of measurement are certified individually. This accuracy was verified in accordance with Meriam procedure A36823 and is traceable to the National Institute of Standards and Technology through the below listed standards.

Standard #1: DB52026 EDC 522**Standard #2:** N/A**Standard #3:** N/A**Standard #4:** N/A**Standard #5:** N/A**Standard #6:** N/A**Room Ambient Conditions:** Temperature: $22^{\circ}\text{C} \pm 3^{\circ}\text{C}$ Relative Humidity: 10% - 55% RH**As Received Condition**

In Tolerance

Out of Tolerance

Inoperative

X N/A

As Left Condition

X In Tolerance

Out of Tolerance

Inoperative

Comments:

There are no special limitations of use imposed on this item due to calibration. We suggest the instrument be evaluated (Recertification Date), however, your particular quality system requirements may supercede this date.

This Certificate of Calibration is provided as support documentation for the customer and may not be reproduced, except in full, without written permission of the issuing organization.

The standards and calibration program are based on the guidelines of ANSI/NC SL Z540-1-1994 and ISO 17025.

Issued By: Nellie Seminatore

Vendor # 37497

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Voltage-Current QC Evaluation Form

Device Model Number -	YPC4000-01-1-00
Device Serial Number -	
Calibrator Manufacturer -	Electronic Development Corp. (EDC)
Calibrator Model Number -	522/RA7
Calibrator Serial Number -	DB52026
Calibration Due Date -	7/16/2017
Ambient Temperature -	(Room)
Ambient Humidity -	(Room)

Range = ± 50.000 ma

Accuracy = $\pm 0.025\%$ Full Scale

Input	Reading	Acceptable Limits		Passed
		Lower	Upper	
-50.000	-50.001	-50.013	-49.988	Yes
-40.000	-40.001	-40.013	-39.988	Yes
-30.000	-30.001	-30.013	-29.988	Yes
-20.000	-20.001	-20.013	-19.988	Yes
-10.000	-10.000	-10.013	-9.988	Yes
0.000	0.001	-0.013	0.013	Yes
10.000	10.002	9.988	10.013	Yes
20.000	20.002	19.988	20.013	Yes
30.000	30.001	29.988	30.013	Yes
40.000	40.002	39.988	40.013	Yes
50.000	50.000	49.988	50.013	Yes

Range = ± 50.000 VDC

Accuracy = $\pm 0.025\%$ Full Scale

Input	Reading	Acceptable Limits		Passed
		Lower	Upper	
-50.000	-50.000	-50.013	-49.988	Yes
-40.000	-40.001	-40.013	-39.988	Yes
-30.000	-30.000	-30.013	-29.988	Yes
-20.000	-20.000	-20.013	-19.988	Yes
-10.000	-10.000	-10.013	-9.988	Yes
0.000	0.000	-0.013	0.013	Yes
10.000	10.000	9.988	10.013	Yes
20.000	20.000	19.988	20.013	Yes
30.000	30.000	29.988	30.013	Yes
40.000	40.001	39.988	40.013	Yes
50.000	50.000	49.988	50.013	Yes

Daniel J 04-11-17

Technician

Date

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