

SOUTHWEST RESEARCH INSTITUTE

Department of Quality Assurance
Calibration Laboratory

CERTIFICATE OF CALIBRATION
10/10/95

Issued to: RON GREEN DIV20 ,B57
Manufacturer: J & W
Nomenclature: SCIENTIFIC INTELLIGENT FLOW METER
Serial Number: 200-3637
Notes:

Asset Number: 002500
Model Number: ADM 1000
SwRI/Div. I.D. #: NONE

ENVIRONMENTAL CONDITIONS

Temperature: 71.6F

Relative Humidity: 45%

CALIBRATION INFORMATION

Procedure Number: MFG
Remarks: CAL BY JM TEST SYSTEMS, BATON ROUGE, LA

Accuracy: MFGR SPECS
Received IN Tolerance

Calibration was in accordance with requirements of MIL-STD-45662A.
Measurements are traceable to the National Institute of Standards and Technology. Inspection and test data are on file and available for inspection.

STANDARDS USED FOR CERTIFICATION

Asset #	Serial #	Mfg	Model #	Nomenclature	Cal Date	Int. Cal Due

VENDOR						

VENDOR

Certified by : _____

Calibration Date: 09/29/95
Interval: 12 months
Next Calibration Due: 09/29/96

Certificate#: 18653

JM TEST SYSTEMS, INC.

CALIBRATION LAB. DIVISION

P.O. Drawer 45489 / Baton Rouge, LA 70895
 7323 Tom Dr. Baton Rouge, LA 70806 / 1600 Watterburg Way Alexandria, LA 71311

CERTIFICATE of CALIBRATION

for **J&W SCIENTIFIC** submitted by **SOUTHWEST RESEARCH S ANTONIO**
 Model **ADM1000**
 S/N **200-3637**
 ID# **N/A** PO# **974696**

JM TEST SYSTEMS certifies that this instrument has been repaired, if necessary, and calibrated to meet all published manufacturers specifications regarding this instrument using standards traceable to the National Institute of Standards and Technology, to accepted values of natural physical constants, to consensus standards, or to ratio methods. JM TEST SYSTEMS' calibration control system meets the requirements of ANSI-NCSS-Z540-1, ISO 9002, and MIL-STD-45662A.

Upon receipt for calibration, the test instrument was found to be **IN TOLERANCE NO ADJUSTMENT REQUIRED** of the indicated specification.

The following repair action, if any, was necessary to bring this instrument up to accuracy specifications:
CLEANED & CERTIFIED TO MANUFACTURERS SPECIFICATION. CHECKED BATTERY VOLTAGE.

The following calibration procedure was used in the calibration:
JM054

The following standards were used in the calibration:

Manufacturer	Model Number	ID#	Date Due
EXTECH	DL-SW230	258	22-Dec-95
SGI	100ml BURETTE TUBE	100 ml	

This report shall not be reproduced, except in full, without the written approval of JM TEST SYSTEMS, Inc.

certificate/traceability number: 0023-0801.00-53424 wo#: 53424
 calibration date: 29-Sep-95
 due recalibration date: 29-Sep-96 technician: MELVIN J. SHARP
 lab environment: TEMP: 22°C
 HUMIDITY: 45%RH tech. signature: *Melvin J. Sharp*

JM TEST SYSTEMS
manf: J&W SCIENTIFIC

Calibration Data Sheet
model: ADM1000

date: 9/29/95
w.o.#: 53424

PARAMETER		IN OUT	MEASURED VALUE		ACCEPTANCE LIMITS	
RANGE	MODE		BEFORE	AFTER	LOW	HIGH
NOMINAL					+/- 3% OF READING	
35.587 ml/min			34.6	019 J/M	34.519	36.655
96.463 ml/min			93.6		93.569	99.357
441.176 ml/min			434		427.941	454.411
779.221 ml/min			756		755.844	802.598

JMT#2126

page 1 of 1

