

**TEST REPORT  
IEC 1010-1**

**Safety requirements for electrical equipment for measurement, control, and laboratory use  
Part 1: General requirements**

Report reference No.....	: 00CA005	
Compiled by (+ signature).....	: Doug Harris	<i>Doug Harris</i>
Reviewed by (+ signature).....	: Tom Brenner	<i>Tom Brenner</i>
Approved by (+ signature).....	: Mark McCue, YSI, Inc.	<i>Mark McCue</i>
Date of issue .....	: March 13, 2000	
Testing laboratory.....	: D.L.S. Conformity Assessment, Inc.	
Address .....	: 1250 Peterson Dr. Wheeling, Il. 60090 USA	
Testing location .....	: Same as above.	
Applicant.....	: YSI, Inc.	
Address .....	: 1725 Brannum Lane Yellow Springs, OH. 45387 USA	
Standard.....	: IEC 1010-1:90 + A1:92 + A2:95	
Test Report Form No. ....	: I10101_A	
TRF originator. ....	: VDE	
Master TRF .....	: dated 1995	
Copyright blank test report.....	:	
Copyright reserved to the bodies participating in the Certification Management Committee (CMC) and/or the bodies participating in the CENELEC Certification Agreement (CCA).		
Test procedure .....	: Third party evaluation and testing to support manufacturer's (above applicant's) Declaration of Conformity	
Procedure deviation .....	: EN 61010-1:1993 + A2:1995	
Non-standard test method .....	: N.A.	
Type of test object.....	: Handheld dissolved oxygen measurement meter	
Trademark.....	:	
Model/type reference.....	: 550 DO	
Manufacturer .....	: YSI	
Rating .....	: No external supply. Battery operated.	

D.L.S. ELECTRONIC SYSTEMS, INC.  
1250 PETERSON DRIVE  
WHEELING, ILLINOIS 60090

EMC TEST SERVICES  
REPORT NO. 8004

EN 55011:1991, Amendments A1:1997 & A2:1996 (C.I.S.P.R. 11,  
1990-09, 2nd Edition)  
Group 1, Class A ISM Equipment for Industrial,  
Scientific, and Medical Equipment

THE FOLLOWING **"MEETS"** THE ABOVE TEST SPECIFICATION

Formal Name: YSI 550DO

Kind of Equipment: Handheld Dissolved Oxygen Meter

Test Configuration: Tested at 4 vdc

Model Number(s): 550 (See Product Matrix on Page 7)

Model(s) Tested: 550

Serial Number(s): NA

Date of Tests: March 1, 2000

Test Conducted For: YSI, Incorporated  
1725 Brannum Lane  
Yellow Springs, Ohio 45387

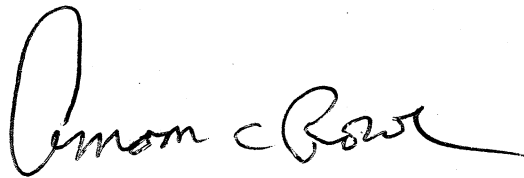
**NOTICE:** Please see the "Additional Description of Equipment Under Test" page listed inside of this report. This report must not be reproduced (except in full), without the approval of D.L.S. Electronic Systems.

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WHEELING, ILLINOIS 60090

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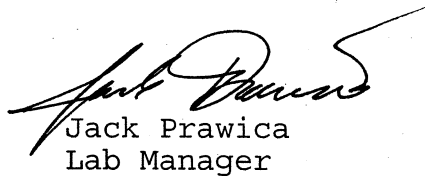
SIGNATURE PAGE

Report By:



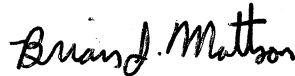
Arnom C. Rowe  
Test Engineer  
EMC-001375-NE

Reviewed By:



Jack Prawica  
Lab Manager

Approved By:



Brian Mattson  
General Manager

Company Official:



YSI, Incorporated

D.L.S. ELECTRONIC SYSTEMS, INC.  
1250 PETERSON DRIVE  
WHEELING, ILLINOIS 60090  
REPORT NO. 7991

TEST SPECIFICATIONS:

EN 61326-1:1997 -

Electrical Equipment for Measurement, Control and Laboratory Use  
EMC Requirements  
Part 1: General Requirements  
(IEC 61326-1, April 1997)

IEC PUBLICATION 1000  
ELECTROMAGNETIC COMPATIBILITY (EMC)  
PART 4: Testing and measuring Techniques Immunity requirements

USING

IEC 1000-4-2 (1995-01); IEC 1000-4-3 (1995-02); IEC 1000-4-4  
(1995-01); IEC 1000-4-5 (1995-02); IEC 1000-4-6 (1995-03-03),  
IEC 1000-4-8 (1993); & IEC 1000-4-11 (1994)

THE FOLLOWING "MEETS" IEC 1000-4-2, IEC 1000-4-3, IEC 1000-4-4, IEC  
1000-4-6 & IEC 1000-4-8 OF THE ABOVE TEST SPECIFICATION EXCEPT FOR  
IEC 1000-4-6 / CONDUCTED IMMUNITY

THE FOLLOWING TESTS WERE NOT RUN SINCE THESE TESTS APPLY ONLY TO  
DEVICES HAVING POWER LINE CORDS AND/OR SIGNAL AND CONTROL LINES:  
IEC 1000-4-5 & 11.

Formal Name: YSI 550DO  
Kind of Equipment: Handheld Dissolved Oxygen Meter  
Test Configuration: Tested at 4 vdc  
Model Number(s): 550 (See Product Matrix on Page 7)  
Model(s) Tested: 550  
Serial Number(s): NA  
Date of Tests: February 25 & 28, 2000  
Test Conducted For: YSI, Incorporated  
1725 Brannum Lane  
Yellow Springs, Ohio 45387

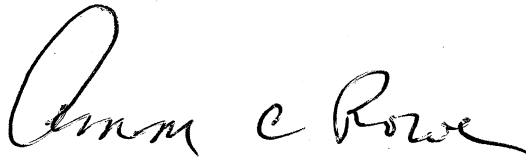
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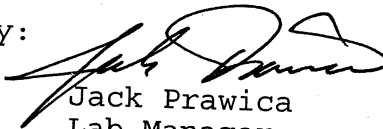
SIGNATURE PAGE

Report Written By:



Arnom C. Rowe  
Test Engineer  
EMC-001375-NE

Report Reviewed By:



Jack Prawica  
Lab Manager

Report Approved By:



Brian J. Mattson  
General Manager

Test Witnessed By:

Mail Order

Company Official:



YSI, Incorporated