

TECHNICAL MANUAL

OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT
AND GENERAL SUPPORT MAINTENANCE MANUAL
INCLUDING REPAIR PARTS LIST
FOR
TESTER, DIELECTRIC
MODEL A-100-2G
(SKARSHAUG TESTING LABORATORY, INC.)
(NSN 4940-00-077-1990)

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MAY 1981

TECHNICAL MANUAL

No. 9-4940-400-14&P

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 1 May 1981

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Including Repair Parts List
For
TESTER, DIELECTRIC
MODEL A-100-2G
(NSN 4940-00-077-1990)**

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2, located in the back of this manual direct to: Commander, US Army Armament Materiel Readiness Command, ATTN: DRSAR-MAS, Rock Island, IL 61299. A reply will be furnished direct to you.

NOTE

This manual is published for the purpose of identifying an authorized commercial manual for the use of the personnel to whom this tester is issued.

Manufactured by: Skarshaug Testing Laboratory, Inc.
4803 Lincoln Way West
Ames, IA 50010

Procured under Contract No. DAAA09-76-C-6515

This technical manual is an authentication of the manufacturers' commercial literature and does not conform with the format and content specified in AR 310-3, Military Publications. This technical manual does, however, contain available information that is essential to the operation and maintenance of the equipment.

TABLE OF CONTENTS

	Page
Cover	
Safety and Grounding Instructions	1
Table of Contents	2
List of Illustrations	3
Introduction	4
Figure 1 Dielectric Tester assembled	5
Figure 2 Gloves in test position	5
Figure 3 Sleeve in test position	5
Figure 4 High voltage probe connected	5
Figure 5 Blanket in test position	6
Figure 6 Line hose in test position	6
Figure 7 Hood in test position 6.....	6
Figure 8 Sleeve-Hammock, with bar and pins	7
Figure 9 Pins positioning for loading glove	7
Figure 10 Four sleeves in test position	7
Figure 11 Filling glove with water, foot valve	7
Purpose and function of Dielectric Tester	8
Capabilities, performance characteristics	8
Power and utility requirements	8
Environmental considerations -	8
List of items furnished with basic tester.....	9
Additional items required	9
Physical measurements and weights	9
Installation and assembly guide and Figure 12	10-11
General description of Dielectric Tester	12
Transformer identity	12
Transformer Specifications	13
Transformer General Features	14-15
Controls Systems & Termination General Features	16-17
Storage and relocation data	18
Special tools and test equipment	18
Warranty, copyright & technical data limited use	18
Repair and maintenance	19
Troubleshooting	20
Sample format, requisitioning commercial parts	21
Guide for handling and testing gloves	22-23
Operating instructions for Dielectric Tester & Fig.13.....	24-26
Parts List, Dielectric Tester	27-30
Parts List, Transformer	31
Schematic Illustrations, indicating location of key parts by Reference Number, Figures 14 through 23	32-36
Drawing No. 1 Test rack cabinet	37
Drawing No. 2 Transformer cabinet	38
Drawing No. 3 Transformer wiring diagram	39
Drawing No. 4 Dielectric Tester wiring diagram	40

LIST OF ILLUSTRATIONS - SUMMARY

<u>Figure No.</u>	<u>Subject</u>	<u>Page</u>
1	Composite Test Unit - 2 Glove.....	5
2	Gloves in Test Position - 2 Glove	5
3	Sleeve in Test Position - 1 Sleeve	5
4	High Voltage Probe to Connect Auxiliary Equipment.....	5
5	Blanket in Test Position - In Auxiliary Cage	6
6	Line Hose in Test Position - In Auxiliary Cage.....	6
7	Hood in Test Position - In Auxiliary Cage	6
8	Positioning of Insulated Sleeve Pins for Testing with Hammock Method of Suspension.....	7
9	Positioning of Insulated Glove Pins for Glove Testing	7
10	Four Sleeves in Test Position on Model A-100-8G.....	7
11	Filling Glove with Water Using Foot Control Valve	7

SCHEMATICS INDICATING LOCATION OF KEY PARTS**BY REFERENCE NUMBER**

12	Wiring Cabinets Together	11
13	Face of Control Panel	24
14	Test Cabinet - Open for Loading	32
15	Gloves in Test Position	33
16	Sleeve in Test Position	33
17	Probe Connection for Auxiliary Cage.....	33
18	Transformer Cabinet - Rear View	34
19	Bottom of Test Rack - Front View.....	34
	Timer and Power Control Panel:	
20	Closed for Test Operations	35
21	Open for Inspection.....	35
22	Parts for Connecting Auxiliary Cage.....	36
23	Accessories for Test Cabinet - Used in Testing	36

INTRODUCTION

This manual describes the construction, assembly and use of Dielectric Tester Model A-100-2G, with pertinent safety cautions. A suggested procedure for handling gloves before, during, and after test is included.

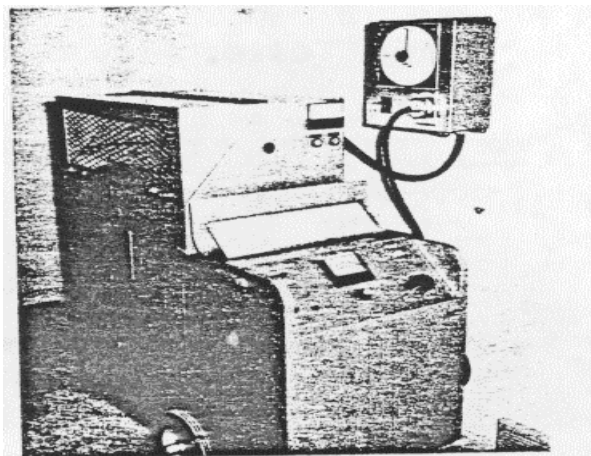
Before utilizing the tester, all operators should be thoroughly familiar with the contents of this manual, the function of all controls and control systems and assure that the grounding instructions have been complied with before power is connected. FAILURE TO COMPLY WITH GROUNDING INSTRUCTIONS COULD BE HAZARDOUS.

Operators of the tester should be familiar with the care, inspection, testing, storage, and use of flexible electrical insulating protective equipment for electrical workers, such as gloves and sleeves.

Standards against which all tests should be measured are as prescribed by appropriate military headquarters. It is recommended that standards established by American Society for Testing and Materials (ASTM) be utilized, unless otherwise directed by competent military authority.

To insure the continued accuracy of the test voltage, as indicated by the test equipment voltmeter, it is recommended the test equipment be calibrated at least annually, by use of a calibrated sphere gap, or a calibrated electrostatic voltmeter, consistent with ANSI C68.1-1969 and C68.2-1972 or the latest revisions thereof.

Glove Tester Model A-100



*Fig. 1 - Composite Test Unit
Model A-100.*

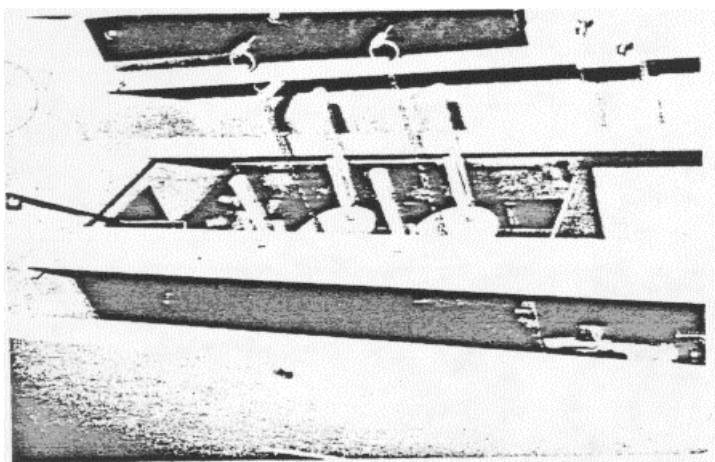


Fig. 2 - Gloves in test position.

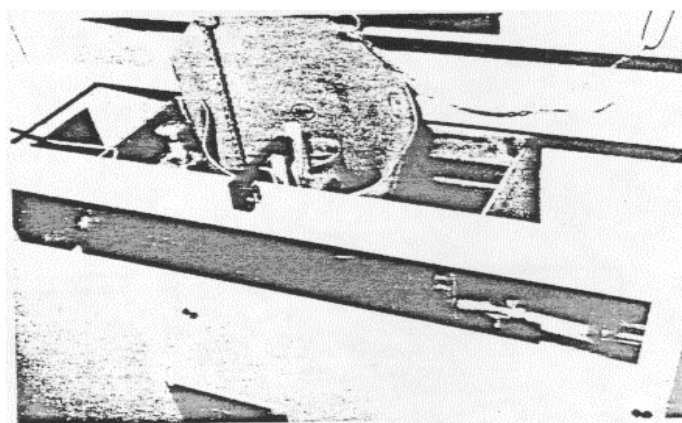


Fig. 3 - Sleeve in test position.

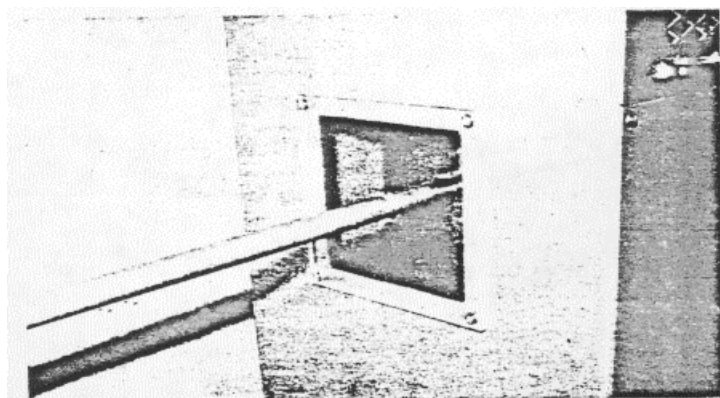


Fig. 4 - High Voltage Probe to Connect Auxiliary Equipment.