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OPERATING/MAINTENANCE MANUAL
ENDOGRAPHIC MOBILE
ENDOSCOPIC EXAMINATION TABLE

6/2/83 P-129354-816

Printed in U.S.A.

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A WORD FROM AMSCO

This manual contains important information on proper use and maintenance of this table. All operators and department heads are urged to carefully review and become familiar with the warnings, cautions and instructions contained herein.

A thorough preventive maintenance program is essential to safe and proper table information. You are encouraged to contact AMSCO concerning our Preventive Maintenance Agreement. Under terms of this agreement, preventive maintenance, adjustments, and replacement of worn parts are done on a scheduled basis to assure table performance at peak capability and to help avoid untimely or costly schedule interruptions. AMSCO maintains a nationwide staff of well-equipped, factory-trained technicians to provide this service, as well as expert repair services. Contact your AMSCO representative for details.

CONTENTS

LIST OF ILLUSTRATIONS

SAFETY PRECAUTIONS

The following are personnel (WARNINGS) and equipment (CAUTIONS) **safety precautions** to be observed when operating or servicing this Table. The page or pages on which they appear in the text of this manual are indicated by the number in the lower right-hand corner of the **precautions**.

WARNING: THIS EQUIPMENT IS NOT INTENDED FOR OPERATION IN EXPLOSION-HAZARD AREAS.

P-5

WARNING: LOWER TABLE CAUTIOUSLY WHEN LEG SECTION IS DOWN. THIS WILL PREVENT THE POSSIBILITY OF INJURY AND/OR DAMAGE TO TABLE.

P-7

WARNING: REPAIRS AND ADJUSTMENTS SHOULD BE ATTEMPTED ONLY BY EXPERIENCED PERSONS FULLY ACQUAINTED WITH THIS EQUIPMENT. USE OF INEXPERIENCED, UNQUALIFIED PERSONS TO WORK ON THE EQUIPMENT OR THE INSTALLATION OF UNAUTHORIZED PARTS COULD CAUSE PERSONAL INJURY OR RESULT IN COSTLY DAMAGE.

P-11

CAUTION: Do not mix different brands of oil. Recommended replacement oil is Chevron AW Grade 32.

P-11

SECTION 1
GENERAL INFORMATION

1.1 APPLICATION AND DESIGN

The product literature in this section contains factual data relating to the principal descriptive and identifying characteristics of particulars for the ENDOGRAPHIC table. The literature is informational rather than instructional. It provides and conveys, textually and illustratively, a general concept of the equipment, its purpose, capabilities, limitations, and technical specifications.

SD-319
(5/83)

AMSCO

Endoscopic Table

ENDOGRAPHIC
MOBILE ENDOSCOPIC EXAMINATION TABLE

TECH DATA

DESCRIPTION

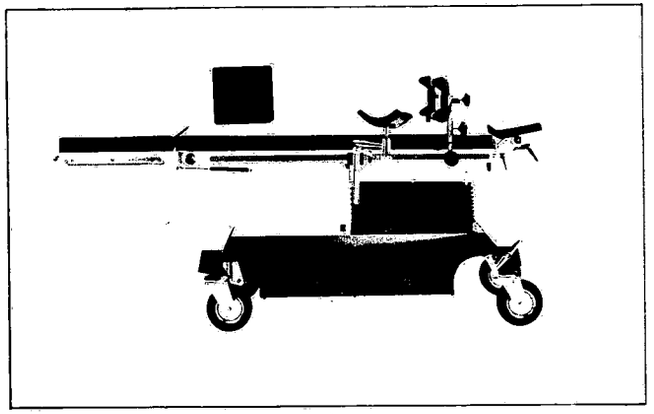
ENDOGRAPHIC is a mobile, electro-hydraulically operated, endoscopic table. It provides flexible, easy to use, articulated posturing of patient for most endoscopic procedures. Permits radiography and will interface with mobile image-amplification systems.

Application

Designed for endoscopic procedures: bronchoscopy, ERCP, colonoscopy, gastroscopy, laparoscopy, proctoscopy and duodenal viewing. Lateral Tilt and Trendelenburg/Reverse Trendelenburg features provide patient comfort and make procedure easier for physician to perform.

Applicable Standards

Image-amplification tabletop is designed to meet *Radiation Control for Health and Safety Act.*



Typical only — details may vary.

DESIGN FEATURES

Base provides adequate space to give unimpeded freedom of movement all around table. Houses remote control and hydraulic systems. Four electrically conductive, braking, casters are provided. Contains safety shut-off switch at foot-end of table to stop downward movement. Power outlet and NFPA-approved patient grounding receptacle are provided at head-end of table.

Pedestal includes tabletop lift cylinders and electrical wiring. Lift cylinders fully enclosed and protected by accordian-shaped bellows cover. Arranged asymetrically (longitudinal and lateral axis) so that patient's head and body move as little as possible while using Lateral Tilt and Trendelenburg features during specific procedures.

Tabletop consists of back and leg sections. Manually articulated hinged leg section to enable proctoscopy in knee/elbow position. X-ray translucent over entire length. Two stainless-steel side rails for attaching accessories run entire length. Covered by electrically-conductive, x-ray translucent, pads.

Remote Control is a hand-held, button actuated, unit. Controls Raise/Lower, Lateral Tilt and Trendelenburg/Reverse Trendelenburg movements. Control is lightweight and, when not in use, clips anywhere along side rails.

TECHNICAL DATA

Performance Capabilities

This table will adequately support a 300 pound patient in correct anatomic position for various endoscopic procedures throughout the complete range of table movements.

Material Specifications

Materials not definitely specified herein are of the best quality and finish as required for the purpose in the industry.

- **Base** is constructed of painted welded steel. Free of visible weld spatter.

Item No. _____
Location(s) _____
_____
_____

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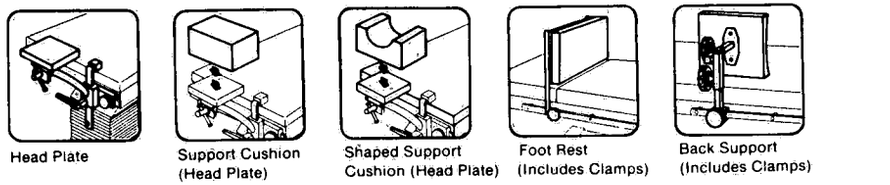
TABLE 1: ACCESSORIES

The following accessories are available for the ENDOGRAPHIC table:



Tabletop Positioning

Trendelenburg (Reverse Trendelenburg):
- Leg Section UP: 0 to 30°
- Leg Section DOWN: 0 to 20°

Side Tilt:
- RIGHT: 0 to 30°
- LEFT: 0 to 30°

Raise/Lower:
- RAISED: 41-1/4 inches (1050 mm)
- LOWERED: 32 inches (810 mm)

Leg Section:
- DOWN: 0 to 90°

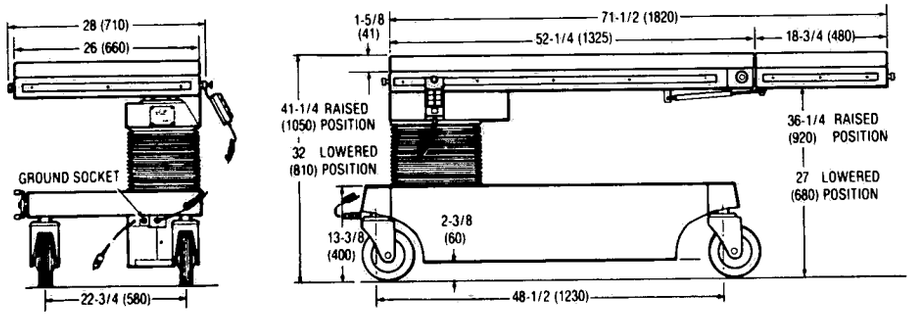
OPTIONAL PREVENTIVE MAINTENANCE AGREEMENT

A coast-to-coast network of skilled and competent specialists can provide periodic PMA inspection and adjustment to assure low-cost peak performance.

WARRANTY

The American Sterilizer Company warrants that each table is carefully tested, inspected and leaves the factory in proper working condition, free of visible defects. Coverage includes one year on parts (except expendables) and 90 days on labor. AMSCO representatives can provide full details of the warranty program upon request.

DIMENSIONS ARE INCHES (MILLIMETRES) — DRAWING IS NOT TO SCALE



NOTES:

1. ELECTRIC - 120-V, 60-Hz, 10-Amp (THIS TABLE IS NOT TO BE USED IN EXPLOSION-HAZARD AREAS).
2. APPROXIMATE WEIGHT - 556 lbs (250 Kg), All Accessories
   455 lbs (205 Kg), No Accessories

This print is for guidance when planning space and utility services. Actual installation prints may be obtained from any AMSCO office or representative.

SECTION 2
OPERATING INSTRUCTIONS

WARNING: THIS EQUIPMENT IS NOT INTENDED FOR OPERATION IN EXPLOSION-HAZARD AREAS.

2.1 PRELIMINARY SET-UP (SEE FIGURE 2-1)

1. Remove oil filling plug from table base.
2. Replace oil filling plug with air filter screw.

NOTE: No tools are needed for the above procedure. Simply screw until finger-tight.

3. Unlock casters using brake lever at head-end of table.
4. Roll table to desired location.
5. Lock casters using brake lever at head-end of table
6. Ground table using patient ground socket.
7. Raise leg section and lock in place as follows (see Figure 2-2):

   a. Pull out on black knob (one on each side of table) and engage lever in slot on clamping bolt. Turn clamping bolts counterclockwise to unlock leg section.

   b. Raise leg section to desired position and hold.

   c. Turn clamping bolts clockwise to lock in place. Disengage lever from slot and push knob into table.

8. Plug remote control into outlet at head-end of table and screw to lock.
9. Attach remote control to side rail.
10. Plug power cord into power outlet.

2.2 OPERATING THE TABLE

2.2.1 CONTROLS (SEE FIGURE 2-3)

1. Functional description

The ENDOGRAPHIC Table is designed to ease the endoscopic examination. It enables the doctor to place the patient in a position more suitable to both patient and doctor. Using an electro-hydraulic power system, the table can be positioned quickly, smoothly and quietly. Control of table positioning is accomplished electrically by remote control.

2. Remote control

The remote control is plugged into the head-end of the table base. The functions are controlled by seven buttons: Raise, Lower, Trendelenberg, Reverse Trendelenberg, Tilt Up, Tilt Down, and On/Off. The On/Off button supplies power to the function buttons and when in the ON position, a green pilot lamp illuminates the button.

The function buttons are actuated for duration of table movement; the movement selected only operates as long as the button is depressed. As soon as button is released, the table movement stops.

NOTE: If more than one function button is depressed at a time, all functions stop.

2.2.2 POSITIONING OF PATIENT

Depending upon endoscopic procedure, the head supports can be fitted to either end of the table.

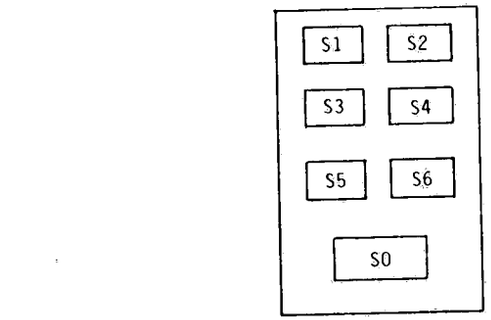
2.2.3 LOWERING LEG SECTION

If endoscopic procedure (such as proctoscopy) requires the leg section to be lowered, use the following procedure:

1. Pull out on black knob (one on each side of table) and engage lever in slot on clamping bolt. Turn clamping bolts counterclockwise to loosen leg section.

2. **Carefully** lower the leg section.

3. Lock leg section in lowered position (turn clamping bolts clockwise). Disengage lever from slot and return knob to original position.



Handswitch

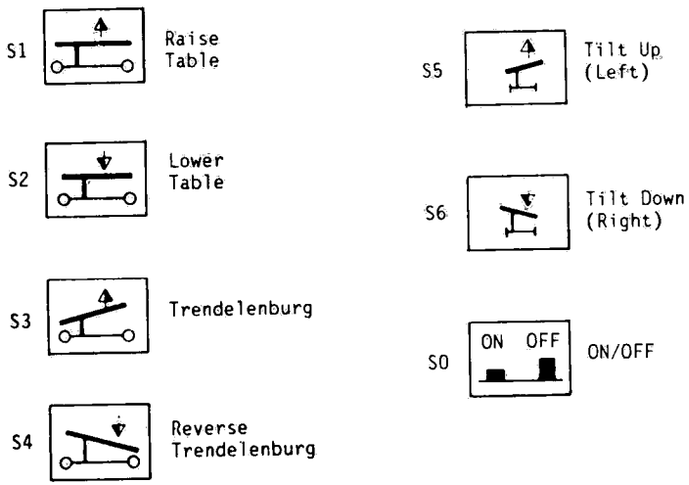


Figure 2-3. REMOTE CONTROL

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WARNING: LOWER TABLE CAUTIOUSLY WHEN LEG SECTION IS FULLY DOWN. THIS WILL PREVENT THE POSSIBILITY OF INJURY AND/OR DAMAGE TO TABLE.

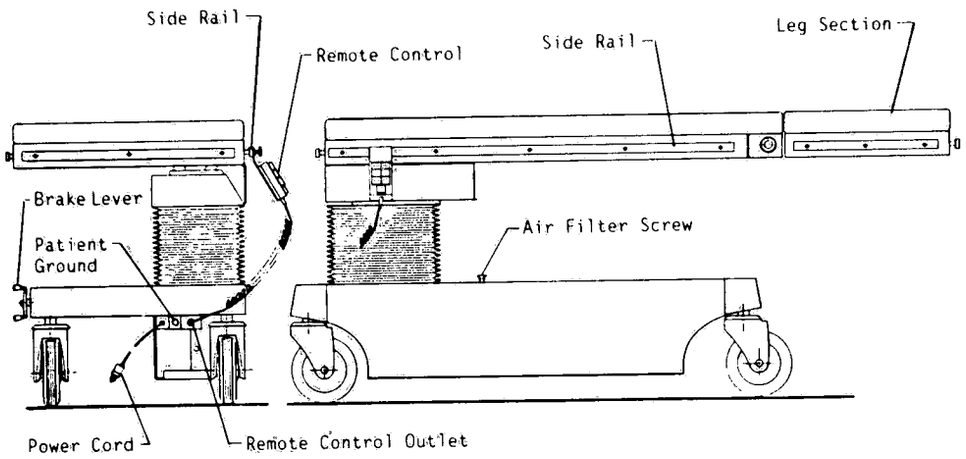

Figure 2-1. ARNOLD TABLE

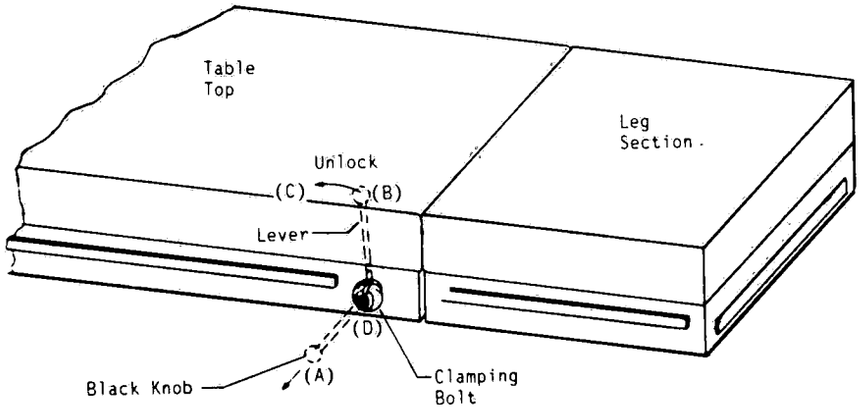

Figure 2-2. MOVABLE LEG SECTION

3.1 GENERAL

This section contains detailed information for proper maintenance and troubleshooting of table. Any maintenance should only be attempted by fully qualified service technicians.

WARNING: REPAIRS AND ADJUSTMENTS SHOULD BE ATTEMPTED ONLY BY EXPERIENCED PERSONS FULLY ACQUAINTED WITH THIS EQUIPMENT. USE OF INEXPERIENCED, UNQUALIFIED PERSONS TO WORK ON THE EQUIPMENT OR THE INSTALLATION OF UNAUTHORIZED PARTS COULD CAUSE PERSONAL INJURY OR RESULT IN COSTLY DAMAGE.

3.2 HYDRAULIC SYSTEM (SEE FIGURE 3-4)

The hydraulic system is provided with a hydraulic line-burst safety feature. All downward functions are protected by this feature. A sudden, uncontrolled, downward movement due to a hydraulic line fracture or similar defect is prevented.

3.2.1 CHECKING OIL LEVEL

1. Remove air filter screw.

2. Insert a clean, dry object about the size of a pencil through opening until it touches the bottom of the sump.

3. Withdraw object and measure height of oil.

CAUTION: Do not mix different brands of oil. Recommended oil is Chevron AW Grade 32.

4. Depth should be 2.5 inches. If oil level is low, add Chevron AW Grade 32. Do **not** overfill.

5. Replace air filter screw.

3.2.2 CHECK OIL FILTER

A dirty or plugged filter can cause erratic, sluggish or noisy table operation. To clean, proceed as follows:

1. Remove base cover (see Figure 4-1).
2. Disconnect fitting from filter.
3. Disconnect filter and backflush with same type oil to clean.
4. If backflushing fails to clean filter, replace filter.

3.2.3 CLEANING AND DISINFECTING TABLE

NOTE: The following procedure will require a mild detergent solution, a quaternary ammonium compound disinfectant and clean, lint-free cloths. Never use abrasive pads or cleaners.

The following are examples of detergents which may be used:

- JOY (Proctor & Gamble, Cincinnati, Ohio)
- TIDE (Proctor & Gamble, Cincinnati, Ohio)
- SUPER EDISONITE (Edison Chemical Co., Inc., New York, NY)

Cleaner/disinfectants are also available from AMSCO:

- SANIKLEEN®
- BIO Q®

3.2.3.1 Table Top Pads And Accessories

1. Remove the rubber pads from the table and accessories and thoroughly clean each with a mild detergent solution.

2. Rinse with clean water. Thoroughly dry wet surfaces with a clean, lint-free cloth.

3. Disinfect all surfaces. Use disinfectant (as directed by the manufacturer) and a clean, lint-free cloth.

3.2.3.2 Table And Accessories Exteriors

1. Raise the tabletop to its maximum height.

2. Clean all accessible exterior surfaces, beginning at the top, with a mild detergent solution.

3. Rinse the surfaces with clean water. Thoroughly dry the surfaces with a clean, lint-free cloth.

4. Disinfect all surfaces. Use disinfectant (as directed by manufacturer) and a clean, lint-free cloth.

5. Make sure all surfaces are completely dry before lowering the tabletop.

3.2.4 TROUBLESHOOTING

Use Figures 3-1 through 3-4 and exploded views in Section 4 as aids in understanding system operation and how the malfunction of a specific component would affect it.

TABLE 3-1 EXPLANATION OF THE TROUBLESHOOTING CHART'S CONTENTS

COLUMN HEADING	EXPLANATION
TROUBLE	Select the most appropriate trouble symptom. The examples are presented in logical sequence.
POSSIBLE CAUSE AND/OR CORRECTION	This Column lists the specific conditions that should be checked to isolate and correct the one causing the malfunction. The conditions are presented in the order in which they should be checked.

TABLE 3-2: TROUBLESHOOTING CHART

TROUBLE	POSSIBLE CAUSE AND/OR CORRECTION
1. Table is functioning but pilot lamp does not light.	a) Replace bulb.
2. No table operation	a) No power: (1) Check facility power. (2) Check table power cord. Is it plugged in? (3) Check On/Off button on remote control. Is button depressed? (4) Check for voltage at input side of connecting block. NO voltage - replace cable. If voltage - continue to next step. (5) Check for voltage on primary side of transformer. NO voltage - Check fuse in supply line or main switch - replace. If voltage - continue. (6) Check for voltage on secondary side of transformer. NO voltage - replace transformer. b) Motor does not operate: (1) Measure voltage at input side of control. Measure at terminals 1 and 2. NO voltage - replace supply cable. If voltage - continue. (2) Check motor fuse (F1). Fuse blown - replace. If good - continue. (3) Check relay KO. Does relay close when individual function is activated and ON button depressed?

B-5

YES - continue to next step.
NO - continue to step (5).

(4) Check motor voltage at terminals 3 and 4:

If voltage -

(i) The motor overtemperature switch has triggered - wait till motor cools.
(ii) The motor is locked - replace motor and pump.

NO voltage - replace hydraulic control unit.

(5) Check voltage at terminals 12 and 13:

If voltage - continue to next step.
NO voltage - continue to step (7).

(6) Check for 24V at terminal 13 and:

terminal 14 on actuating s1
terminal 15 on actuating s2
terminal 16 on actuating s3
terminal 17 on actuating s4
terminal 18 on actuating s5
terminal 19 on actuating s6

If voltage - replace hydraulic control unit.
NO voltage - replace manual switch.

(7) Check control unit fuse (F2):

Fuse blown - replace.
If good - replace control unit.

c) Motor operates:

(1) Check pump.

If running - continue.
Not running - replace clutch or check fixture.

(2) Check actuation/response of valve block as individual switch is activated. (Remove rubber caps and watch push rod.)

(i) Are they as follows (see Fig. 3-1):

s1=v6, s2=v5, s3=v2,
s4=v1, s5=v4, s6=v3?

B-6

Correct response - continue.
Incorrect response - continue to step (vi).

(ii) Check hydraulic system.

(a) Is the oil level correct (Par. 3.2.1.)?
(b) Check for leaks.

If leaks exist - repair and replace oil.
NO leaks - continue.

(iii) Check oil pressure(connect compound pressure gauge in line behind pump but in front of filter). Should be 870 psig.

Correct oil pressure - continue.
Incorrect oil pressure -

(a) Adjust pressure limiting valve (see Figure 3-2).
(b) Replace the pump.

(iv) Check filter:

Dirty filter - replace.
Filter O.K. - continue.

(v) Check valve pressure by connecting manometer to:

(a) v6 and v5. Actuate remote control, alternating between buttons s1 and s2.
(b) v4 and v3. Actuate remote control, alternating between buttons s5 and s6.
(c) v2 and v1. Actuate remote control, alternating between buttons s3 and s4.

The pressure should read 870 psig.

Pressure not correct - replace valve block.
Pressure O.K. - replace appropriate cylinder. Check for bearing damage.

(vi) Check for 24V at terminal 13 and:

terminal 14 on actuating s1

3. No downward table movement

a) Check emergency switch s7 (continuity tester):

terminal 15 on actuating s2
terminal 16 on actuating s3
terminal 17 on actuating s4
terminal 18 on actuating s5
terminal 19 on actuating s6

If voltage - continue.
NO voltage - replace remote control.

(vii) Check relays K1, K3 and K5:

(a) Does K1 close when s1 is actuated?
(b) Does K3 close when s3 is actuated?
(c) Does K5 close when s5 is actuated?

YES - continue.
NO - Replace control.

(viii) Check relays K2, K4 and K6:

(a) Does K2 close when s2 is actuated?
(b) Does K4 close when s4 is actuated?
(c) Does K6 close when s6 is actuated?

YES - continue.
NO - continue to step (xi).

(ix) Check for 24V between terminals:
20 and 21 on actuating s1.
22 and 23 on actuating s2.
24 and 25 on actuating s3.
26 and 27 on actuating s4.
28 and 29 on actuating s5.
30 and 31 on actuating s6.

YES - continue.
NO - Replace control unit.

(x) Check voltage at appropriate valve:

YES - replace valve.
NO - replace supply line to valve.

(xi) Check emergency switch s7 (continuity tester):

Switch not activated - replace control unit.
Switch mechanically activated - reset or replace (if reset impossible).

4. Table functions faulty

(1) Has switch been mechanically actuated?

(2) Is the switch defective? - Replace.

a) Check actuation/response of valve block. (Remove rubber caps and watch push rod.)

(1) Are they as follows (see Fig.3-1): s1=v6, s2=v5, s3=v2, s4=v1, s5=v4, s6=v3?

Correct response - continue.
Incorrect response - continue to step (6).

(2) Check hydraulic system.

(a) Is the oil level correct(1/3-full)?
(b) Check for leaks.

If leaks exist - repair and replace oil.
NO leaks - continue.

(3) Check oil pressure(connect compound pressure gauge in line behind pump but in front of filter). Should be 870 psig.

Correct oil pressure - continue.
Incorrect oil pressure -

(i) Adjust pressure limiting valve (see Figure 3-2).

(ii) Replace the pump.

(4) Check filter:

Dirty filter - replace.
Filter O.K. - continue.

(5) Check valve pressure by connecting manometer to:

(i) v6 and v5. Actuate remote control, alternating between buttons s1 and s2.

(ii) v4 and v3. Actuate remote control, alternating between buttons s5 and s6.

(iii) v2 and v1. Actuate remote control, alternating between buttons s3 and s4.

B-9

The pressure should read 870 psig.

Pressure not correct - replace valve block.
Pressure O.K. - replace appropriate cylinder.
Check for bearing damage.

(6) Check for 24V at terminal 13 and:

terminal 14 on actuating s1
terminal 15 on actuating s2
terminal 16 on actuating s3
terminal 17 on actuating s4
terminal 18 on actuating s5
terminal 19 on actuating s6

If voltage - continue.
NO voltage - replace remote control.

(7) Check relays K1, K3 and K5:

(i) Does K1 close when s1 is actuated?

(ii) Does K3 close when s3 is actuated?

(iii) Does K5 close when s5 is actuated?

YES - continue.
NO - Replace control.

(8) Check relays K2, K4 and K6:
(i) Does K2 close when s2 is actuated?
(ii) Does K4 close when s4 is actuated?
(iii) Does K6 close when s6 is actuated?

YES - continue.
NO - continue to step (11).

(9) Check for 24V between terminals:

20 and 21 on actuating s1.
22 and 23 on actuating s2.
24 and 25 on actuating s3.
26 and 27 on actuating s4.
28 and 29 on actuating s5.
30 and 31 on actuating s6.

YES - continue.
NO - Replace control unit.

(10) Check voltage at appropriate valve:

YES - replace valve.
NO - replace supply line to valve.

B-10

(11) Check emergency switch s7 (continuity tester):

Switch not activated - replace control unit.

Switch mechanically activated - reset or replace (if reset impossible).

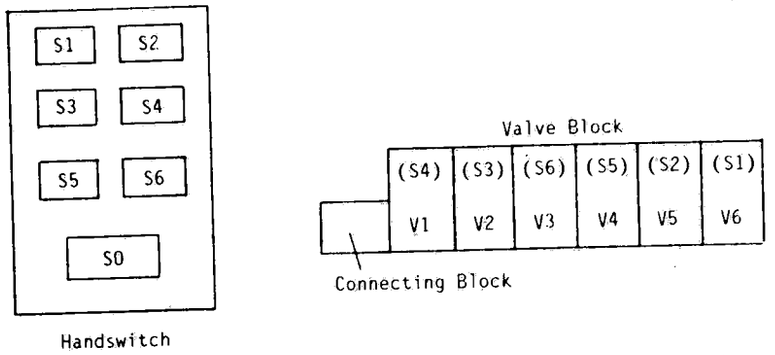

Figure 3-1. ACTUATION/RESPONSE TEST OF VALVE BLOCK.

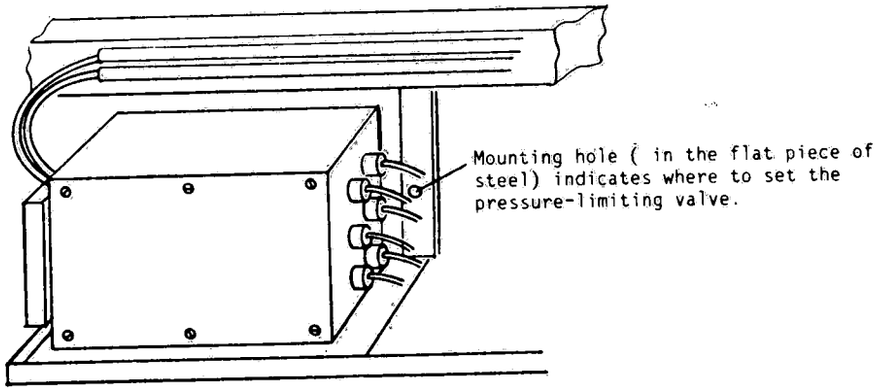

Figure 3-2. ADJUSTING PRESSURE LIMITING VALVE.

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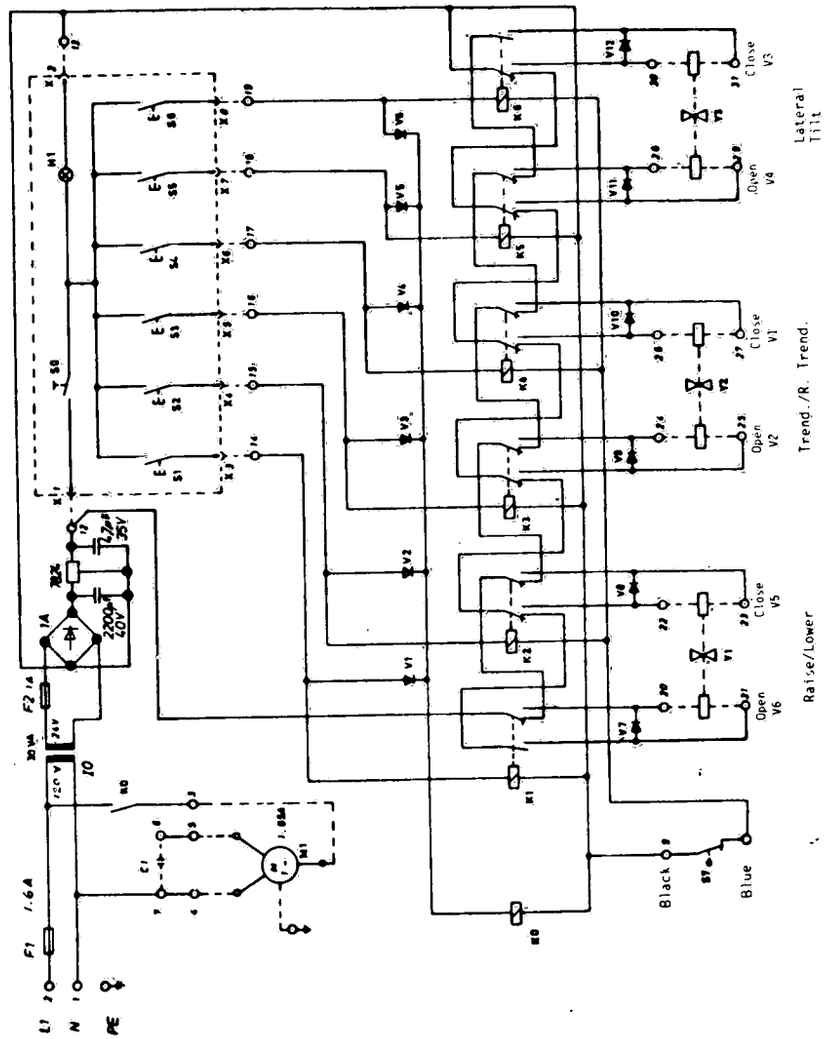

Figure 3-3. ELECTRICAL SCHEMATIC.

P-129352-531

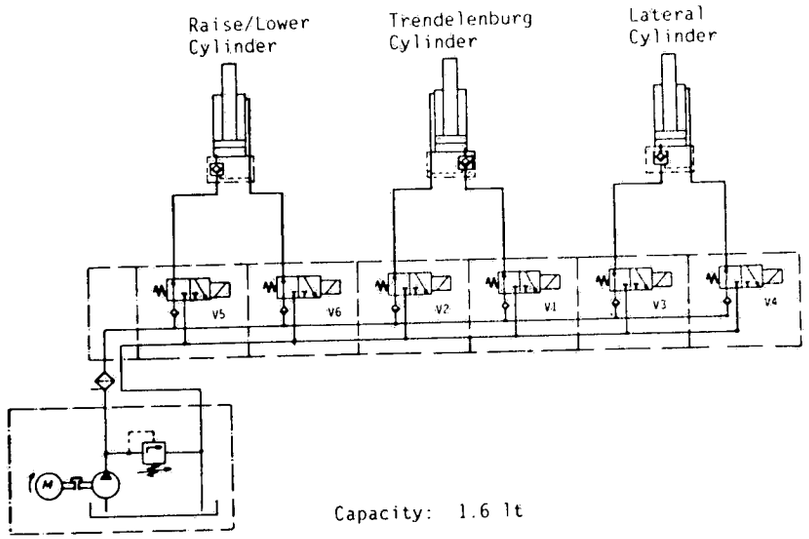

Figure 3-4. HYDRAULIC SCHEMATIC.

SECTION 4
EXPLODED VIEWS AND PARTS LISTS

Assemblies and components of the ENDOGRAPHIC Mobile Examination Table are illustrated and identified on the following pages. The part number, the description and the quantity required for each are given. The spare parts list (Table 4-1) contains parts that would be necessary to do general maintenance on this table.

TABLE 4-1

SPARE PARTS LIST

PART	VENDOR IDENTIFICATION
HYDRAULIC ASSEMBLY	HO-08832
•VALVES, Complete Set	RM-62264
•CYLINDER	RM-62389
•CYLINDER	RM-62391
•CYLINDER	RM-62392
•CONTROL UNIT(110 V)	RM-61598
CONTROL, Remote	RM-61900
BEARING, Ball,QTY. 4	RM-61645
BEARING, Ball,QTY. 2	RM-61646
PAD, Table Top	RM-64092
PAD, Table Top	RM-64093
CASTER, QTY. 3	RM-57132
CASTER, QTY. 1	RM-57131
SWITCH	RM-61897

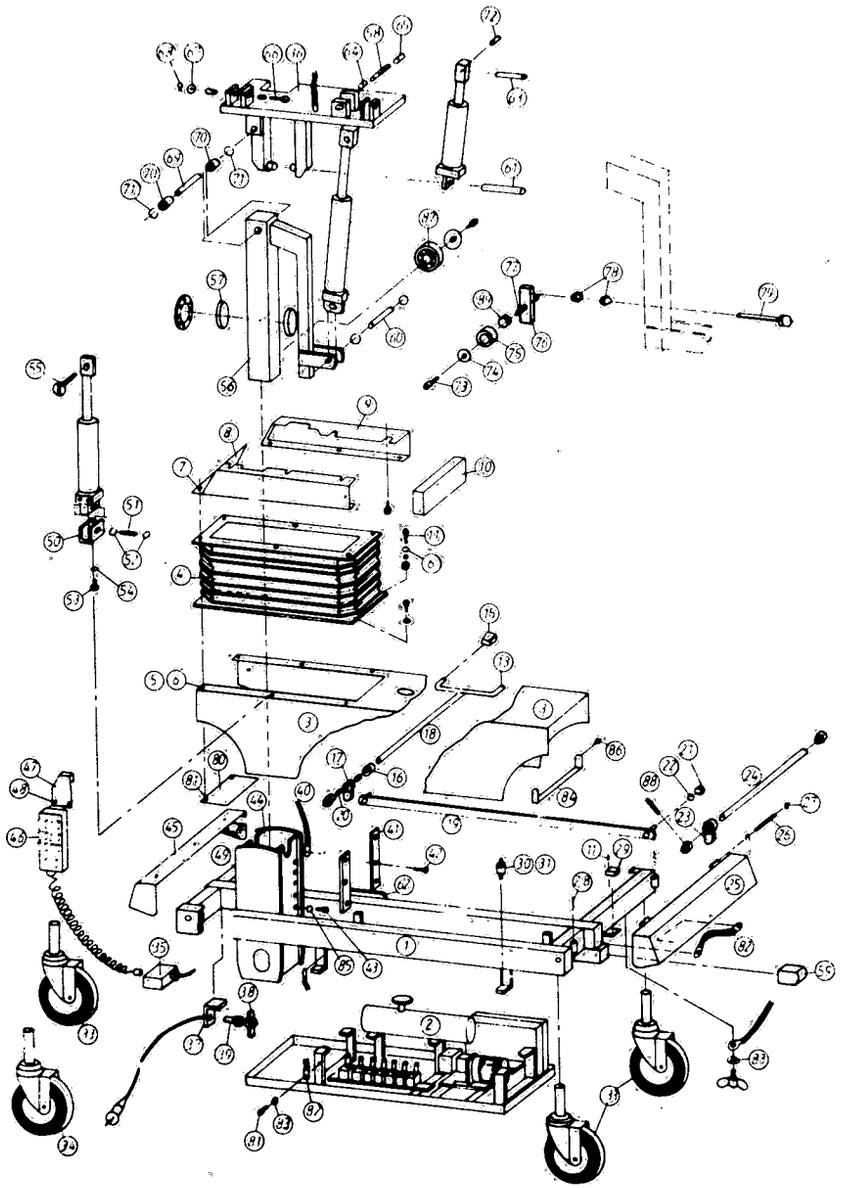

Figure 4-1. TABLE ASSEMBLY.

FIG. & INDEX NO.	PART NUMBER		DESCRIPTION	UNITS PER ASSEMBLY
4-1			TABLE ASSEMBLY	
1	LK	13557	UNDERCARRIAGE	1
2	HO	13559	HYDRAULIC POWER UNIT	1
3	RM	64089	COVER	1
4	RM	61555	BELLOWS, Cover	1
5	RM	76502	SCREW, Pan Head	6
6	RM	74442	WASHER	10
7	RM	76897	NUT, Box	4
8	RM	64096	COVER	1
9	RM	64095	COVER	1
10	RM	64094	COVER	1
11	RM	76528	SCREW, Socket Head	6
12	RM	76657	SCREW, Sheet Metal	6
13	RM	62541	LEVER, Double Pedal	1
14	RM	76857	NUT, Hex	4
15	RM	70179	PEDAL, Rubber	2
16	HO	11970	BEARING	2
17	HO	11971	LEVER, Control	1
18	HO	11974	BAR, Control	1
19	LK	11972	BAR, Joint	1
20	RM	62545	BEARING	1
21	RM	74936	NUT, Safety	1
22	RM	74452	WASHER	2
23	RM	74465	WASHER	1
24	HO	11975	BAR, Control	1
25	RM	64091	COVER	2
26	RM	61104	BOLT	2
27	RM	74831	SPLINT	2
28	RM	61248	SPRING, Pressure	1
29	RM	61897	MICROSWITCH	1
30	RM	70401	BUMPER	4
31	RM	74935	NUT, Safety	3
32	RM	76656	SCREW, Socket Head	1
33	RM	57828	CASTER	1
34	RM	57829	CASTER	1
35	HO	09363	BOX, Gear	1
36	LK	08898	PLATE, Activation	1
37	LK	09521	ANGLE	1
38	RM	61890	CLAMP, Cover	2
39	RM	76509	SCREW, Socket Head	1
40	RM	61937	STRAP, Ground	2
41	RM	62279	RAIL	6
42	RM	76268	SCREW, Counter Sunk	5
43	RM	76532	SCREW, Socket Head	

FIG. & INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY
44	HO 08843	BAR, Guide	1
45	RM 64090	COVER	1
46	RM 61900	CONTROL, Remote	1
47	RM 61898	CLAMP, Remote Control	1
48	RM 76554	SCREW, Socket Head	2
49	RM 61501	SOCKET, Ground	1
50	HO 05850	YOKE	1
51	RM 61172	BOLT	1
52	RM 74776	WASHER, Safety	1
53	RM 76074	BOLT, Spanner	1
54	RM 74735	LOCKWASHER	1
55	RM 61770	BOLT	1
56	HO 08447	COLUMN, Elevating	1
57	RM 61645	BEARING, Ball	2
58	HO 08954	BOLT	1
59	RM 70164	COVER, Protective	1
60	HO 08948	BOLT	1
61	HO 08949	BOLT	1
62	HO 09052	SUPPORT, Hose	2
63	HO 08954	BOLT	1
64	RM 61679	BEARING, Sleeve	1
65	RM 61681	BEARING, Sleeve	1
66	RM 61096	BOLT	1
67	RM 74495	WASHER	1
68	RM 74858	PIN, Cotter	1
69	HO 08916	BOLT	2
70	RM 61682	BEARING, Sleeve	4
71	RM 74775	RING, Retaining	1
72	RM 74173	SCREW, Set	1
73	RM 76555	SCREW, Pan	1
74	HO 08389	WASHER, Bearing	1
75	RM 62611	CIRCLIP	1
76	HO 08278	SUPPORT, Bearing	1
77	RM 62421	PIVOT, Bearing	2
78	RM 76883	NUT, Hex	1
79	RM 91054	BOLT, Spanner	1
80	RM 64109	COVER	4
81	RM 76598	SCREW, Socket Head	2
82	RM 61938	STRAP, Ground	2
83	RM 74562	LOCKWASHER	1
84	LK 09661	YOKE	5
85	RM 74730	LOCKWASHER	2
86	RM 76654	SCREW, Socket Head Sheet Metal	1
87	RM 61646	BEARING, Roller	1
88	RM 74097	SLEEVE, Clamping	1
89	RM 61648	BEARING, Friction	1

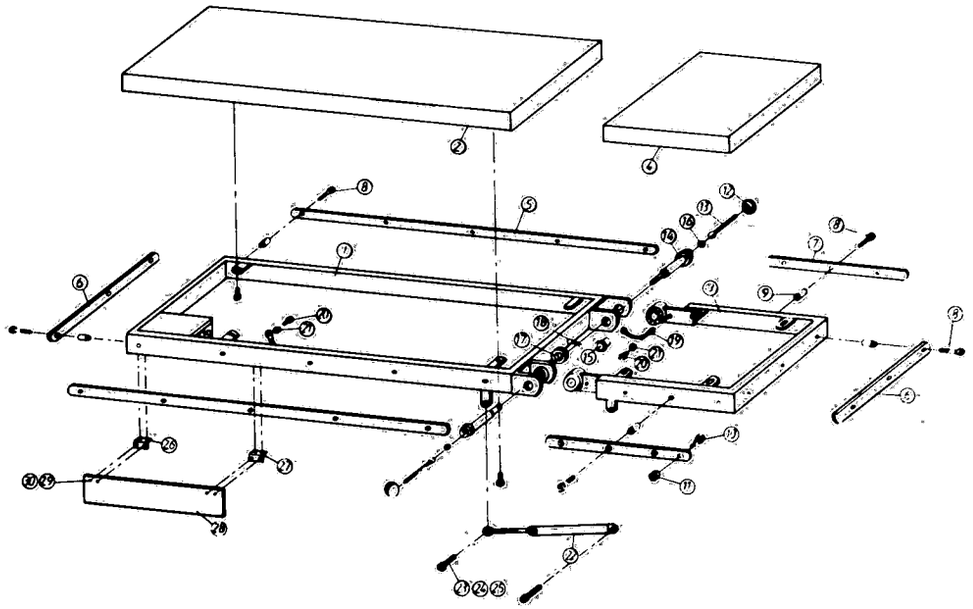

Figure 4-2. TABLETOP ASSEMBLY.

FIG. & INDEX NO.	PART NUMBER		DESCRIPTION	UNITS PER ASSEMBLY
4-2			TABLE TOP ASSEMBLY	
1	LK	08763	PAD, Frame	1
2	RM	64092	PAD, Main	1
3	LK	08786	FOOT SECTION	1
4	RM	64093	PAD, Foot	1
5	HO	11023	RAIL, Main Side	2
6	HO	11026	RAIL, End	2
7	HO	11028	RAIL, Side	2
8	RM	76546	SCREW, Socket Head	24
9	RM	62272	SPACER	24
10	RM	76583	SCREW, Pan Head	2
11	RM	76912	NUT, Hex	2
12	RM	61856	BUTTON, Spherical	2
13	HO	09030	LEVER	2
14	HO	08964	BOLT, Clamping (Right)	2
	HO	08965	BOLT, Clamping (Left)	2
15	HO	09031	BUSHING	2
16	RM	61449	O-RING	2
17	RM	74490	WASHER	2
18	RM	74859	PIN, Cotter	2
19	RM	61938	STRAP, Ground	1
20	RM	76598	SCREW, Socket Head	1
21	RM	74562	WASHER, Star Lock	2
22	RM	62666	SPRING, Gas	4
23	RM	76542	SCREW, Socket Head	4
24	RM	74465	WASHER	4
25	RM	74936	NUT, Pinch	8
26	RM	76161	SCREW, Tin	2
27	RM	61500	JOINT, Hinge	1
28	RM	64255	PROTECTOR, Pinch Point	4
29	RM	76694	SCREW, Socket Head	4
30	RM	76855	NUT, Hex	

AMSCO SERVICE

ENDOGRAPHIC MOBILE ENDOSCOPIC EXAMINATION TABLE

P-764319-403

(6/83)

1 of 1