OPERATOR MANUAL

Lab 250 a d Lab 110 Life Scie ces Small Sterilizers

(11/13/06) P387352-364 Rev. 0



	Table 1.	Recomme	ded Loads	by	Sterilizer	Size
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						Volume (Liters)
16	16	26" (406	406	660)	109
20	20	38" (508	508	965)	249

Table 2. Sterilizer Co figuratio s

~	16 >	16" (406	406 •	° (,	• 20	20 (50 50) [] •]	۶ ۱
16	16	26" (406	406	660)	è		
20	20	3 " (50	50	65)	è		
16	16	26" (406	406	660)	4-		
20	20	3 " (50	50	65)	1.		

Advisory





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5	CONTROL INTERFACE	
	5.1 5.1	5-1
	5.1.1 3 • •	5-1
	5.1.2	5-2
	5.2 · .	5-4
	5.2.1 7, , ,	
	5.2.2	5-7
	5.2.3 (*, *)	5-10
	5.3	5-13
	5.4	



7	ALARMS	7-1
8	ROUTINE MAINTENANCE	8-1
	$1 \\ 1.1 \\ 1.2' \\ 1.3 $	1 1 7 -
	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	 11 13 14 15 15
9	PREVENTIVE MAINTENANCE	9-1 1



WARNING-ELECTRIC SHOCK AND BURN HAZARD:

WARNING-PERSONAL INJURY HAZARD:

WARNING-BURN HAZARD:

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WARNING-BURN HAZARD:



CAUTION - POSSIBLE EQUIPMENT DAMAGE:

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Definition of Symbols

Symbol	Defi itio
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	۱ . ; ، (] •)
A	
А	ب می قرف رسل ر
v	رگه گر که در سل د
~	
Hz	⊢ چ ہ م : ر۔ کم ر
φ	، کسر، شرا
SN	≥

2.2 Technical Specifications





3.1 Recommended

Glassware0025 Tc0 Tw9.864 Manual 3.-09(6ommended)Tj3.34.011 inverted,(3.2.16ommended)

Table 3-2. Gravity Cycle Parameters (co t.)

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3.2 Control Measures for Verifying Sterilization Process



3.2.1 Biological Monitors

3.2.2 Testing for Prevacuum Efficiency

WARNING – STERILITY AS-SURANCE HAZARD: Load sterility may be compromised if the biological i dicator or vacuum leak test i dicates a pote tial problem. If these i dicators show a pote tial problem, refer the situatio to a qualified service tech icia before usi g the sterilizer further. 3.3 Bowie-Dick

3.4 Vacuum Leak Test





3.5 Recommendations for the Sterilization Process









3.7 Recommendations for Sterilizing Liquids

- WARNING EXPLOSION HAZARD: This sterilizer is ot desig ed to process flammable compou ds.
- ▲ WARNING PERSONAL IN-JURY HAZARD: Avoid perso al i jury from bursti g bottles. Liquid sterilizatio cycle must o ly be used for liquids i borosilicate flasks with ve ted closures.
- WARNING BURN HAZ-ARD: Whe sterilizi g liquids, always observe the followi g procedures:
 - Use Liquid cycle o ly.
 - Use o ly ve ted closures.

•Use o ly Type I borosilicate glass bottles.

• Do ot allow hot bottles to be jolted.

WARNING-BURN HAZ-ARD: Steam may be released from the chamber whe door is ope ed. Step back from the sterilizer each time the door is ope ed to mi imize co tact with steam vapor.

▲ CAUTION: Sterilizatio of chloride-co tai i g solutio s (e.g., sali e) ca cause chamber corrosio a dis ot recomme ded by the ma ufacturer. If, however, chloride-co tai i g solutio s must be processed, clea the chamber after each use.

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====== GR	===== AVITY =	
CYCLE START A O	T XX:: N	XX:XX A/P XX/XX/XX
CYCLE COUNT LOGIN NAME: STERILIZER	XXXX XXXX	0 KXX KXX
CYCLE TYPE CYCLE NO.	GRAVI' 2	ГҮ
STER TEMP CONTROL TEMP STER TIME DRY TIME	= 121.0 C = 122.5 C = 0:30:00 = 0:01:00	
- TIME	T=C	V=inHg P=psig
C 11:48:24A C 11:49:24A S 11:51:43A S 11:51:43A S 11:55:43A S 11:55:43A S 11:57:43A S 11:59:43A S 12:01:43P S 12:05:43P S 12:07:43P S 12:07:43P S 12:11:43P S 12:11:43P S 12:17:43P S 12:17:43P S 12:17:43P S 12:19:54P E 12:19:54P E 12:20:03P E 12:21:03P Z 12:21:46P	$\begin{array}{c} 66.7\\ 112.7\\ 121.2\\ 122.6\\ 123.3\\ 123.6\\ 122.6\\ 122.5\\ 122.6\\ 122.5\\ 122.4\\ 122.5\\ 122.4\\ 122.5\\ 122.4\\ 122.5\\ 122.6\\ 122.7\\ 122.6\\ 122.7\\ 122.6\\ 122.6\\ 122.6\\ 122.6\\ 122.6\\ 123.7\\ 99.9\\ 40.5\\ 68.4 \end{array}$	0.3V 10.0P 16.6P 17.7P 17.8P 16.8P 17.0P 17.2P 17.0P 17.2P 16.8P 16.9P 17.0P 17.0P 17.0P 17.0P 17.0P 17.0P 17.0P 17.0P 17.0P 17.0P 17.1P 17.0P 17.2P 17.0P 17.2P
LOAD		020903
CHAMBER TEMP CHAMBER TEMP	MAX=124.8 MIN=121.2	C C
CONDITON STERILIZE EXHAUST TOTAL CYCLE	= 1:19 = 30:01 = 1:42 = 33:02	
====== READY	TO UNLOAD	D ======

Figure 4-5. Co de sed Pri tout





Figure 4-7. Pri tout: Type of Alarm, Chamber Temperature a d Chamber Pressure, a d Time of Occurre ce



4.3 Manual Operation パンゴ of Manual Door



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4.5 Optional Electric Steam Generator

Co ditio	Nomi al Recomme ded	Maximum Recomme ded
	•	140°F(60°,)
3*	0-17 🍦/	130
	50-150 è /	250 <i>è</i> /
	50-100 <i>è</i> /	10 è/
*	6 7.5	6.55
	0.1 - 1.0	2.5 è/
ti	2000-6000	26,000
*17.1 è/ 1è 📮		

Table 4-1. Required Feed Water Quality for CarboSteelSteam Geerators







CONTROL INTERFACE





INCORRECT PASSWORD X

5.2 Operating Modes






NOTE: $I_{af} \not P = I_{0} CLOSEDOOR(S) = 0 I_{af} OO_{1} \cdot T_{af}^{\prime}$





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т г	10.0 0 15 (0 2 2 2 00 4 10.0 15.0 0 30 (121.0	00	6. 6	5 2 00 0 30 00 121.0 6.0 1.5 1.0 2 10 10.0 0 15 00 0 15 00
14 I	6.0 1.5 1.0 2 M 10.0 0 15 (0	تم 200	7. La 7 La 7	2 00 0 45 00 121.0 6.0 1.5 1.0
т., И И	3 2 00 4 10.0 15.0 0 30 0 121.0 6.0 1.5 1.0 2 M 10.0 0 15 0 1.5	00 L ., 00	Id Id 10 Id 8. r 8. r	2 N N 0 2 00 0 45 00 121.0 6.0 1.5 1.0 2 N 0
۲	4 2 00 4 10.0 15.0 0 30 (121.0 6.0 1.5	00		

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DOOR OPEN, READY,





5.3 Status Buttons



Image: Prestemp in the second seco

NOTE: LOAD 1 a Fo app ar 1 o g Po - 0 , ra.









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5.4.2 Printer Operation (Optional Mylox Printer)

F 5-2.

PRINT 🔟 🚛 POWER INDICATOR POWER INDICATOR

5.5 Compact Flash Card





Scree #6



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5.6 RS232 Download To PC



STERILIZER OPERATION

6.1 Before Operating Sterilizer

CAUTION - POSSIBLE EQUIPMENT DAMAGE:

• Gasket must be fully retracted prior to operati g sterilizer door.

• If 0 dry time is selected, sterilizer automatically i itiates a vapor removal phase i place of dryi g. This phase ca still draw a vacuum to 5 i Hg. Co sult device ma ufacturer's recomme datio s to e sure devices bei g processed ca withsta d this depth of vacuum.

1, Extra , - 253.

• Lifti g the chamber float switch whe clea i g the chamber may cause the sterilizer co trol to i itiate a Chamber Flooded alarm. If this alarm co ditio occurs, the operator must tur the co trol power OFF the ON to clear the alarm. The co trol power switch is located i the mecha ical area at the side of the sterilizer. Placi g the sterilizer i sta dby does ot clear this alarm.

• Allow thermostatic traps to cool dow to room temperature before removing cover. Since there is othing to limit expansion, the bellows may rupture or fatigue if trap is opened while hot.

• Actuatio at less tha 75% of rated pressure ca allow debris to co tami ate the seat a d cause the safety valve to leak. A leaki g safety valve must be replaced.

- I sufficie t service cleara ce will make repairs more difficult a d time-co sumi g.
- Pipi g sized too small may cause water hammer, resulti g i damage to the sterilizer.
- After i stallatio, it is ma datory to brace pipi g at the drai fu el so that it will ot move vertically.
- Make sure door ope i g is clear of a y obstructio before closi g the door(s).
- Do ot attempt to ope sterilizer door duri g ma ual operatio u less chamber is at 0 psig (0 bar).

• Never use a wire brush, abrasives, or steel wool o door a d chamber assembly. Do ot use clea ers co tai i g chloride o stai less-steel surfaces. Chloride-based clea ers will deteriorate stai less steel, eve tually leadi g to failure of the vessel.

• Immediately wipe up sali e solutio spills o loadi g car, to preve t damage to stai less steel.

• Do ot use clea ers co tai i g chlorides o loadi g cars. Chloride-based clea ers will deteriorate the loadi g car metal.

• Sterilizatio of chloride-co tai i g solutio s (e.g., sali e) ca cause chamber corrosio a d is ot recomme ded by the ma ufacturer. If, however, chloride-co tai i g solutio s must be processed, clea the chamber after each use.

• Avoid damage to the i tegral steam ge erator daily. Flush the ge erator daily. Failure to flush ge erator daily will void the ma ufaturer's warra ty.

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2. M3. M4. M5. M6. M5.







6.2 Gravity Cycle 1

1, Exterior, ". * ° è

WARNING – BURN HAZARD:

• Do ot attempt to ope the sterilizer door if a WATER IN CHAMBER ALARM co ditio exists. Call a qualified service tech icia before attempti g to use sterilizer further.

• After ma ual exhaust, steam may remai i side the chamber. Always wear protective gloves, apro, a d a face shield whe followi g emerge cy procedure to u load sterilizer. Stay as far back from the chamber ope i g as possible whe ope i g the door.

• Allow sterilizer to cool to room temperature before performing a y clea i g or mainte a ce procedures.

• Failure to shut off the steam supply whe clea i gor replaci g strai ers ca result i serious i jury.

• Jacket pressure must be 0 psig (0 bar) before begi i g work o the steam trap.

• Proper testi g of the safety valve requires the valve to be operated u der pressure. Exhaust from the safety valve is hot a d ca cause bur s. Proper safety attire (gloves, eye protectio, i sulated overall) is required. Testi g is to be performed by qualified service perso el o ly.

• Whe sterilizi g liquids, to preve t perso al i jury or property damage resulti g from bursti g bottles a d hot fluid, you must observe the followi g procedures:

- Use LIQUID cycle o ly; o other cycle is safe for processi g liquids.

- Use o ly ve ted closures; do ot use screw caps or rubber stoppers with crimped seal.

- Use o ly Type 1 borosilicate glass bottles; do ot use ordi ary glass bottles or a y co tai er ot desig ed for sterilizatio .

- Do ot allow hot bottles to be jolted; this ca cause hot-bottle explosio s. Do ot move bottles if a y boili g or bubbli g is prese t.



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CANCEL CYCLE











Example of cycle tape.



6.3 Prevac Cycle ((Optional)

1, 521-132 , 3. * 2 2

WARNING – BURN HAZARD:

• Do ot attempt to ope the sterilizer door if a WATER IN CHAMBER ALARM co ditio exists. Call a qualified service tech icia before attempti g to use sterilizer further.

• After ma ual exhaust, steam may remai i side the chamber. Always wear protective gloves, apro, a d a face shield whe followi g emerge cy procedure to u load sterilizer. Stay as far back from the chamber ope i g as possible whe ope i g the door.

• Allow sterilizer to cool to room temperature before performing a y clea i g or mainte a ce procedures.

• Failure to shut off the steam supply whe clea i gor replaci g strai ers ca result i serious i jury.

• Jacket pressure must be 0 psig (0 bar) before begi i g work o the steam trap.

• Proper testi g of the safety valve requires the valve to be operated u der pressure. Exhaust from the safety valve is hot a d ca cause bur s. Proper safety attire (gloves, eye protectio, i sulated overall) is required. Testi g is to be performed by qualified service perso el o ly.

• Whe sterilizi g liquids, to preve t perso al i jury or property damage resulti g from bursti g bottles a d hot fluid, you must observe the followi g procedures:

- Use LIQUID cycle o ly; o other cycle is safe for processi g liquids.

- Use o ly ve ted closures; do ot use screw caps or rubber stoppers with crimped seal.

- Use o ly Type 1 borosilicate glass bottles; do ot use ordi ary glass bottles or a y co tai er ot desig ed for sterilizatio.

- Do ot allow hot bottles to be jolted; this ca cause hot-bottle explosio s. Do ot move bottles if a y boili g or bubbli g is prese t.

WARNING – EXPLOSION HAZARD: This sterilizer is ot desig ed to process flammable compou ds.











PULSE EXHAUST PHASE: 4.0 (0.2) (0.27). 45.0° (113.0°F). L°, 1 122.5° (253.0°F) 1, 1 (100)









Example of cycle tape.



6.4 Liquid Cycle ¹

1, 521-13, 3. ٠, è



WARNING – BURN HAZARD:

• Do ot attempt to ope the sterilizer door if a WATER IN CHAMBER ALARM co ditio exists. Call a qualified service tech icia before attempti g to use sterilizer further.

• After ma ual exhaust, steam may remai i side the chamber. Always wear protective gloves, apro, a d a face shield whe followi g emerge cy procedure to u load sterilizer. Stay as far back from the chamber ope i g as possible whe ope i g the door.

• Allow sterilizer to cool to room temperature before performing a y clear in g or mainter a certa procedures.

• Failure to shut off the steam supply whe clea i g or replaci g strai ers ca result i serious i jury.

• Jacket pressure must be 0 psig (0 bar) before begi i g work o the steam trap.

• Proper testi g of the safety valve requires the valve to be operated u der pressure. Exhaust from the safety valve is hot a d ca cause bur s. Proper safety attire (gloves, eye protectio , i sulated overall) is required. Testi g is to be performed by qualified service perso el o ly.

• Whe sterilizi g liquids, to preve t perso al i jury or property damage resulti g from bursti g bottles a d hot fluid, you must observe the followi g procedures:

- Use LIQUID cycle o ly; o other cycle is safe for processi g liquids.

- Use o ly ve ted closures; do ot use screw caps or rubber stoppers with crimped seal.

- Use o ly Type 1 borosilicate glass bottles; do ot use ordi ary glass bottles or a y co tai er ot desig ed for sterilizatio .

- Do ot allow hot bottles to be jolted; this ca cause hot-bottle explosio s. Do ot move bottles if a y boili g or bubbli g is prese t.

WARNING – EXPLOSION HAZARD: This sterilizer is ot desig ed to process flammable compou ds.



PURGE PHASE:










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6.5 Isothermal Cycle (Optional)

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WARNING – BURN HAZARD:

• Do ot attempt to ope the sterilizer door if a WATER IN CHAMBER ALARM co ditio exists. Call a qualified service tech icia before attempti g to use sterilizer further.

• After ma ual exhaust, steam may remai i side the chamber. Always wear protective gloves, apro, a d a face shield whe followi g emerge cy procedure to u load sterilizer. Stay as far back from the chamber ope i g as possible whe ope i g the door.

• Allow sterilizer to cool to room temperature before performing a y clea i g or mainte a ce procedures.

• Failure to shut off the steam supply whe clea i g or replaci g strai ers ca result i serious i jury.

• Jacket pressure must be 0 psig (0 bar) before begi i g work o the steam trap.

• Proper testi g of the safety valve requires the valve to be operated u der pressure. Exhaust from the safety valve is hot a d ca cause bur s. Proper safety attire (gloves, eye protectio , i sulated overall) is required. Testi g is to be performed by qualified service perso el o ly.

• Whe sterilizi g liquids, to preve t perso al i jury or property damage resulti g from bursti g bottles a d hot fluid, you must observe the followi g procedures:

- Use LIQUID cycle o ly; o other cycle is safe for processi g liquids.

- Use o ly ve ted closures; do ot use screw caps or rubber stoppers with crimped seal.

- Use o ly Type 1 borosilicate glass bottles; do ot use ordi ary glass bottles or a y co tai er ot desig ed for sterilizatio .

- Do ot allow hot bottles to be jolted; this ca cause hot-bottle explosio s. Do ot move bottles if a y boili g or bubbli g is prese t.

WARNING – EXPLOSION HAZARD: This sterilizer is ot desig ed to process flammable compou ds.





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Example of cycle tape.



6.6 Bowie-Dick (Warmup Cycle (Only On Prevacuum Sterilizers)

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WARNING – BURN HAZARD:

• Do ot attempt to ope the sterilizer door if a WATER IN CHAMBER ALARM co ditio exists. Call a qualified service tech icia before attempti g to use sterilizer further.

• After ma ual exhaust, steam may remai i side the chamber. Always wear protective gloves, apro, a d a face shield whe followi g emerge cy procedure to u load sterilizer. Stay as far back from the chamber ope i g as possible whe ope i g the door.

• Allow sterilizer to cool to room temperature before performing a y clea i g or mainte a ce procedures.

• Failure to shut off the steam supply whe clea i g or replaci g strai ers ca result i serious i jury.

• Jacket pressure must be 0 psig (0 bar) before begi i g work o the steam trap.









6.7 Bowie-Dick Cycle (Only On Prevacuum Sterilizers)

1, Ezlerz, 3. • 6

WARNING – BURN HAZARD:

• Do ot attempt to ope the sterilizer door if a WATER IN CHAMBER ALARM co ditio exists. Call a qualified service tech icia before attempti g to use sterilizer further.

• After ma ual exhaust, steam may remai i side the chamber. Always wear protective gloves, apro, a d a face shield whe followi g emerge cy procedure to u load sterilizer. Stay as far back from the chamber ope i g as possible whe ope i g the door.

• Allow sterilizer to cool to room temperature before performing a y clear in g or mainter a certa procedures.

- Failure to shut off the steam supply whe clea i g or replaci g strai ers ca result i serious i jury.
- Jacket pressure must be 0 psig (0 bar) before begi i g work o the steam trap.

• Proper testi g of the safety valve requires the valve to be operated u der pressure. Exhaust from the safety valve is hot a d ca cause bur s. Proper safety attire (gloves, eye protectio , i sulated overall) is required. Testi g is to be performed by qualified service perso el o ly.

• Whe sterilizi g liquids, to preve t perso al i jury or property damage resulti g from bursti g bottles a d hot fluid, you must observe the followi g procedures:

- Use LIQUID cycle o ly; o other cycle is safe for processi g liquids.
- Use o ly ve ted closures; do ot use screw caps or rubber stoppers with crimped seal.

- Use o ly Type 1 borosilicate glass bottles; do ot use ordi ary glass bottles or a y co tai er ot desig ed for sterilizatio .

- Do ot allow hot bottles to be jolted; this ca cause hot-bottle explosio s. Do ot move bottles if a y boili g or bubbli g is prese t.















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6.8 Leak Test Cycle (Only On Prevacuum **Sterilizers**)



WARNING – BURN HAZARD:

• Do ot attempt to ope the sterilizer door if a WATER IN CHAMBER ALARM co ditio exists. Call a qualified service tech icia before attempti g to use sterilizer further.

• After ma ual exhaust, steam may remai i side the chamber. Always wear protective gloves, apro, a d a face shield whe followi g emerge cy procedure to u load sterilizer. Stay as far back from the chamber ope i g as possible whe ope i g the door.

PULSE CHARGE PHASE;



















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CYCLE NAME CYCLE NAME=GRAVITY1


















ALARMS



Alarm

Descriptio

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Alarm	Descriptio		Scree with Alarm
		Scree #4	STERIS GRAVITY1, 121.0 C, S= 0. T250/2004 T250/2004 STERIS OCHAUSI TINC TO: 4.0 PSIC PSIC C NEXHAUST SLENCE ALARM ABORT
r	من فرقس زرام میں فرقس ز من من من فرقس زرام میں فرقس زر من من فرقس زرام میں فرقس زرام میں فرقس زرام میں فرقس زرام	Scree #4	STERIS GRAVITV1, 121.0 C, S= 0.01 LOGN: STERIS PHASE JACKET CHARGE STATUS JACKET CHARGE STATUS JACKET CHARGE STATUS JACKET CHARGE TEMP 22.5 C *ALARM STATUS 22.5 C *ALARM STATUS 22.5 C ALARM ABORT
	ه م م م م	Scree #2	STERIS OPERATING MODE 2 LOGIN STERIS STATUS PEADY PRESSURE 8.7 inHig TEMPERATURE -1.5 C ALARM R.TEEMIP: FAILURE SLENCE ALARM X IIII
F_ M	:لمه قی لم ۰۰ می لمد:	°•. Scree #2	STERNS OFFERSION TOOPE ?

Alarm	Descriptio		Scree with Alarm
F · · · ·	;; <u> </u> ; ; ; ; ; ; ; ; ; ; ; ;	Scree #2	STERIS OPERATING MODE 2 GOOM-STERIS 7/26/2004 7/7/1012 2 PRESSURE 6.3 TRANSPORTEMPERATURE 22.500 TEMPERATURE 22.500 ALARM JACKET TEMP. FAILU
F	::ا (· · ، (· · ، الـ:	Scree #2	STERIS OPERATING MODE LOGNE STATUS DOOR OPEN PRESSURE 0.2 IDHO TEHPERATURE 90.9° C *ALARM WASTE TEMP. FAILURE
, , M. F	لغ ، ، ^م ر لذ: ا	Scree #2	STERIS' OPERATING MODE LOGN STERIS STATUS READY PRESSURE 6.7 inHg TEMPERATURE. 22.5 C









1, M², ²;



(+/-0.3* 35.0* 🏹 . PRESSURE/TEMP. **#**74.**,** EVACUATE ۹, ۲ è . . 6 VHÍJE 🕇 -03 **VAC MUL** 5 54 2. è). 5 **VAC MUL** PRESSURE/TEMP _ AIR BREAK Į UNSEAL DOOR مر ۱۰ مر * COMPLETE 7, PRESSURE LOAD VALUES CALIBRATION ی بی اور ۱ è; ² . 2 ۰ چ

, LOAD VALUES à 🕻 🔒



EXIT ، لَكْ مَ لَكُرْتُ مَ أَنْ حَرْمَرَ مَرْمَرَ فَ مَعْرَبَهُمْ رَجْمَرَ اللَّهُ عَلَيْهُ مَا مَ مُ



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8.2 Change Printer Paper Roll (Cybertech Printer)





Figure 8-2. Paper Feed Positio



Figure 8-3. Paper Guide

1, M², ²;

8.4 Change Printer Ribbon (Mylox 2 Printer)

1, M², ²;



9.2 Spare Parts



REPLACEMENT PARTS

Descriptio					Part Number	
Cybertech Pri	ter					
*	, ² ,	(.	5)		3 7352-55	
* C*		(* *	1	5)	3 7352-55	
Mylox Pri ter						
*	* °*	(.	5)		3 7352-55	
* &	. ••	(.	2)		, 150 2 -440	

10.1 PLC Specifications

PLC: MicroLogix[®] 1200 Co troller*

Catalog umber: 1762-24 Age cy Certificatio 50, 222.2 142, 2 2, 1, 1604, 222.2 213) Operati g temperature: 0, 55, $(32 \text{ F}, 131 \text{ F})^3$ Storage temperature: -40, 5, (-40 F, 1 5F)³ Operati g humidity: 5%, 5% Variables stored i flash memory for perma e t storage.

ANALOG MODULE: 4 CHANNEL INPUT MODULE

Catalog umber: 1762-F4 Resolutio : 15. (.* ³) Repeatability: +/-0.1%

RTD MODULE: 4 CHANNEL INPUT MODULE

Catalog umber: 1762- 4 Resolutio : 0.1, (0.1F) Repeatability: +/-0.2, (+/- 0.4F) Accuracy: +/-0. , (+/- 1.62F) Maximum drift: +/-0.026, /, (+/- 0.026 F/F)

RELAY OUTPUT MODULE: 8 AC OUTPUTS

Catalog umber: 1762-

DISPLAY: PANELVIEW PLUS® 600

Catalog umber: 2711, - 6, 20

COMMUNICATION MODE:

Catalog umber: 2711, - 22,

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*М р.Lo, ® 1200 Со р гаг, гагадаго Ro Аоао.

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