## 230V

Brewer $F L E X_{\substack{\text { Acoces } \\ \text { cobeb }}}$

## Installation \& Operation Manual


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## General

Read and understand all operating instructions, safety information, and maintenance requirements contained in this manual prior to operating the table. Become familiar with all of the table functions before using it with a patient.

The Brewer Flex Access Exam Table Models 5700230 and 5800-230 are designed to provide positioning and support of patients during general examinations conducted by qualified medical professionals. The Brewer Flex Access Exam Table is primarily used in examination rooms for general examinations and minor procedures. The wide variety of positions provided by one or two powered motions, and slide-out leg support create a safe and convenient patient positioning table for use in the doctor's office.

The table is easily adjusted to a wide variety of positions using the convenient foot control provided with the table. The table height can be adjusted from 18 " to 37 ". The backrest can be adjusted from a flat lying down position, to an $80^{\circ}$ angle for seating.

In addition to the electronically controlled positions noted above, several manual adjustments are available:

## Standard Features

- The SafeGlide ${ }^{\text {TM }}$ leg support can be extended up to 19 " for the patient prone position.
- A removable treatment pan is built-in underneath the leg support pad for use during examinations.
- A storage drawer at the front of the table may be used for supplies.


## Optional Features

- Stirrups - may be manually extended through infinite positions and four lateral positions.
- Grab bars - attached to each side of the table may be rotated out of position or removed for improved access to the patient.
- Pass through work surface - stored under the seat, may be pulled out from either side of the table.


## Service

If you require assistance with the installation or operation of your Brewer table, call your local distributor. The Brewer Customer Service Department is also available (English Language Only) at (1-888-Brewer1). Our trained staff will attempt to assist you in correcting the problem directly over the phone. Please fill in the following information for use when calling the Brewer Company or your distributor with questions regarding your unit. See Figure below for model and serial number location.

Date of Purchase
Serial Number
Model Number
Authorized
Dealer Name
Dealer
Phone Number
Dealer Address


Serial Number and Model Number/Rating Label Location

Brewer

## SAFETY INFORMATION

## Safety Information

The primary concern of The Brewer Company is that the equipment is operated and maintained with the safety of the patient and healthcare staff in mind. To ensure safe and reliable operation:

- Read and understand all instructions in this manual before attempting to install or operate the unit.
- Ensure that appropriate personnel are informed on the manual contents. This is the responsibility of the purchaser.
- Ensure that this manual is located near the table, or if possible, permanently affixed to the table.


This is the safety alert symbol. It is used to alert you to potential physical injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.


WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.
DANGER Indicates a hazardous situation that, if not avoided, will result in death or serious injury.

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

## COMPONENT IDENTIFICATION



## SPECIFICATIONS

Weight of Table ..... 315 lbs
Load Rating (maximum)

- Seat/Back 5700-230/5800-230 ..... 700 lbs
- Leg Support ..... 50 lbs
- Pass Through Work Surface (optional) ..... 15 lbs.
- Grab Bars (optional) ..... 100 lbs.
Range of Motion
- Back Section Range

$\qquad$
$0^{\circ}$ (horizontal) to $75-85^{\circ}$

- Table Top Height Range
- Table Top Height Range $18 \pm 0.5$ in. to $37 \pm 1.0$ in. $18 \pm 0.5$ in. to $37 \pm 1.0$ in.
Upholstery Dimensions
- Upholstered Top

$\qquad$
24 to 28 in. wide x 60 in. long

- Upholstered Leg Support. 18 in . long $\times 18 \mathrm{in}$. wide
- Overall Length of Upholstery60 in. long
- Upholstery with Leg Support Extended ..... 78 in. long
Electrical Rating
- 5700-230/5800-230
$\qquad$...................... 230 VAC nominal, 60/50 HZ, 3.0 amps- Control Box Fuse Rating
$\qquad$ $250 \mathrm{~V} / 2.5 \mathrm{~A}$ Duty Cycle (10\%)

$\qquad$
2 minutes on / 18 minutes off (motor run time)

| A WARNING |  |
| :---: | :---: |
|  | Explosion/Fire Hazard <br> Do not use this table in an explosive or oxy- |
|  | gen rich atmosphere. Failure to do so may result in serious personal injury or death. |


| A. WARNING |  |
| :---: | :--- |
| Shock Hazard |  |
| When performing cauterization or similar <br> treatment, the patient must be insulated from <br> the metal portions of the table by non-con- <br> ductive material. Failure to do so may result <br> in electrical shock. |  |

## POWER CORD SELECTION

This table must be used with a Brewer provided power cord. Failure to do so will void the warranty of electrical components.
\(\left.$$
\begin{array}{cc}\text { Countries Typically Used In } \\
\begin{array}{c}\text { Thailand } \\
\text { Laos }\end{array}
$$ <br>
Viennam <br>
Philippines <br>
Indonesia <br>

Cambodia\end{array}\right]\) Brewer Part No. | Cord Plug Type |
| :---: |

## INSTALLATION

| NOTICE |
| :---: |



## Overview

Perform the following sequence in order when setting up the table:

- Uncrating the table
- Leveling the table
- Adjusting Rear Base Extension
- Installing Power Cord
- Installing Foot Control
- Installing Grab Bars (Optional)


## Tools Required

Drill Driver, $7 / 16^{\prime \prime}$ socket bit, or $7 / 16^{\prime \prime}$ wrench, $9 / 16^{\prime \prime}$ wrench, \#2 Phillips bit, side cutter and furniture dolly.

## NOTICE

## Optimum Table Performance

For optimum table performance, allow the table to reach room temperature before operating.

## Uncrating

1. Remove stretch wrap surrounding table.
2. Remove the 4 steel shipping brackets securing the table to the pallet (Figure 2). The brackets hook onto the table levelers to hold the table securely to the pallet. Remove the 2 bolts from each bracket using a $7 / 16$ " socket or wrench. Take care not to scratch the unit when using the driver or turning the wrench. Remove brackets from levelers once bolts are removed.
3. Remove the 2 screws attaching the spacers on either side of the wooden U-shaped brace located under the front corners of the cabinet (Figure 3). Remove the 2 screws attaching the U-shaped brace to the pallet (Figure 3).

## NOTICE

## Grab Bar Option

If your table was purchased with the Grab Bar option, remove the box from the back of the pallet.


Figure 2. Remove Shipping Brackets


Figure 3. Remove Spacer and U-Brace Screws

## INSTALLATION (continued)

4. Cut the shipping strap, and discard strap and foam tube (Figure 4).
5. Make sure all shipping materials (except for wooden brace and spacers) and packing foam are removed from the table, pallet and surrounding area.

Note: In order to remove the table from the pallet, you must first power it up and elevate the seat from it's shipping position.

## NOTICE



## Avoid Self Activation Damage

Plugging table into receptacle prior to the removal of all packaging materials, may cause damage if self activation occurs.
6. Remove the foot control and power cord from the front drawer after packing materials have been removed.
7. Insert the foot control cord into the receptacle at the bottom of the rear panel (Figure 5). Make sure the tab on the plug is aligned with the slot in the receptacle.

Note:The plug may appear to be fully inserted and yet have some distance to go. Wiggle the foot control plug while pushing it in firmly to ensure that it is fully seated (Figure 6).
8. Remove the gray power cord from the front drawer.

## NOTICE

## Confirm Voltage and Plug Type

See Specifications Page for electrical rating of this unit. The three-pronged grounding plug on the table power cord must be plugged into a matching three-pronged, grounded, non-isolated, correctly polarized 230 VAC receptacle.
9. Plug the power cord into the receptacle at the bottom of the rear panel (Figure 5). Plug the power cord into a 230 Volt grounded receptacle.

| Area Not Clear Hazard |
| :--- |
| Before initiating movement keep personnel and equipment <br> clear of table to avoid personal injury or damage to the equip- <br> ment. |



Figure 4. Cut Shipping Strap


Figure 5. Power Cord and Foot Control Plug-ins

Figure 6. Foot Control Properly Pugged In

## INSTALLATION (continued)

10. Press lift up on the foot control to raise the seat approximately 1 " (Figure 7). Remove the wooden U-brace and shipping spacers at the front of the table.


Figure 7. Raise Seat off of Brace
11. Raise the backrest to its full up position (Figure 8).


Figure 8. Raise Backrest
12. Unplug foot control and power cord and place into front storage drawer (Figure 9).


Figure 9. Unplug Foot Control and Power Cords
$\qquad$

## INSTALLATION (continued)

## NOTICE

Avoid Upholstery Damage
Do not lift or move table by pulling up on the seat upholstery (Figure 10). Lifting by the seat may damage the upholstery.

## NOTICE

Avoid Backrest Actuator and Upholstery Damage Never push forward on the backrest to move table. Pushing on the backrest will cause backrest actuator damage and may cause upholstery damage (Figure 11).

## NOTICE

## Avoid Stirrup Damage

Do not lift or move table by using the stirrups as a hand hold. Lifting or moving table by stirrups can damage the internal indexer housing (Figure 12).


Figure 10. DO NOT Lift by Upholstery


Figure 11. DO NOT Push on Backrest


Figure 12. DO NOT lift by Stirrups

## INSTALLATION (continued)

13. Tilt table slightly to place the (4) slides under levelers (Figure 13.

## NOTICE

Table weighs approximately 315 lbs.


Figure 13. Installing Leveler Slides


Figure 14. Slide table off of pallet


Do not move by fully extended leg support

## INSTALLATION (continued)

## Leveling the Table

A leveling screw pad (Figure 15) is located in four places under the table's base. Adjust the four leveling pads to achieve a solid, level installation.

## NOTICE

## Prevent Leveler Damage

Levelers must remain in the table and be fully engaged a minimum of (3) turns. If levelers are not fully engaged in the base, damage to the threading in the base and/or leveler can occur.

## NOTICE

Prevent Floor Damage and Unwanted Table Movement Make sure the rubber caps are present on all (4) levelers. Missing caps can allow the table to slide, and the exposed metal portion of the leveler can damage flooring.

## Adjusting the Rear Base Extension

After leveling the table, the Rear Base Extension should be brought into contact with the floor (Figure 16).

1. Loosen the two Rear Base Extension adjusting screws.
2. Lower plate until it contacts the floor.
3. Tighten the two Rear Base Extension adjusting screws.


Figure 15. Leveling Screw Pad (located under table)


Figure 16. Adjusting the Rear Base Extension


## INSTALLATION (continued)

## Installing the Foot Control

1. Remove the foot control from the front drawer.
2. Insert the male plug of the foot control cord into the receptacle on the table (Figure 17). Make sure the plug is fully seated. See Figure 6 for proper insertion of the foot control plug. Failure to properly insert the foot control plug can cause some functions to not operate properly

## NOTICE

## Avoid Foot Control Damage

The foot control is moisture resistant and runs on low voltage. However, to avoid temporary or permanent damage to the foot control, do not immerse in water or liquids.

## Installing Grab Bars (Optional)

1. Remove grab bars from the carton banded to the pallet.
2. Grab bars are interchangeable and may be installed on either side.
3. Align pin on grab bar shaft with mating slot on side of table. See Figure 18.
4. Push grab bar all the way down and rotate to front of table.
5. Push grab bar down until it engages to prevent left or right movement.


## A. WARNING

## Shock Hazard

After installing or moving table, make sure there are no damaged or exposed wires that could result in electrical shock.


Figure 17. Foot Control and Power Cord Receptacles


Figure 18. Grab Bar

## OPERATION



Figure 19. Foot Controls

## Model 5700-230

Model $5700-230$ is equipped with a single pedal foot control that controls the raising and lowering of the seat.

## Models 5800-230

Model 5800-230 is equipped with a dual pedal foot control that controls the raising and lowering of the seat, and the raising and lowering of the seat back. In addition, the foot control features the following:

Return to Chair: When pressed, the table automatically returns to the low chair position. The seat back will rise to the full up position and the table will lower to the full down position and stop. To stop the automatic movement, press the Red Stop Button, or depress any pedal on the foot control.

Stop: When pressed, stops the Return to Chair function.
Green Light: ( 2 pedal foot controls only) indicates that there is power to the foot control.

## NOTICE

## Unintended Operation

To avoid unintended operation, keep foreign objects away from foot control. Be sure foot control is not positioned below the front of the table.

## NOTICE

## Unattended Return to Chair Operation

Remain with and observe patient during Return to Chair operation. Return to Chair feature may need to be momentarily interrupted for patient to readjust him or herself, or for obstacles to be removed before resuming motion. Press the Return to Chair button to resume motion only when patient has situated him or herself, or obstacles have been removed.

## OPERATION (continued)

## Seat and Backrest Safety Switches <br> Seat Switch

All models are equipped with switches on the seat bottom (Figure 20) which automatically stop the lowering function of the seat if the seat bottom plate comes into contact with an object as the seat is lowering. To continue lowering the seat, press the "TABLE UP" pedal (Figure 19), clear the obstruction, and continue lowering the seat.

## Backrest Switch

All models are equipped with a switch on the top shroud (Figure 20) which automatically stops the lowering function of the seat and back if the switch is contacted by the backrest. To continue lowering the seat:

- Model 5700 Raise the backrest manually to clear the switch. When clear of the switch continue lowering the seat.
- Model 5800 - Depress the "BACK UP" pedal (Figure 19) to clear the switch. When clear of the switch continue lowering the seat.


## SafeGlide ${ }^{\text {TM }}$ Leg Support

The leg support is located under the seat cushion. (Figure 21). It can be extended 18 " for the patient prone position. Pull leg support out to the fully extended position. To return the leg support to its stored position simply push the leg extension in.

| Fall Hazard WARNING |  |
| :--- | :--- |

## NOTICE

## Tension Adjustment

The following is only for tables equipped with Tension Adjustment.
The SafeGlide ${ }^{\text {TM }}$ Leg Support comes with the leg support adjusted for the least amount of resistance. If you find it to glide too freely, the resistance can be increased by turning the thumbscrews (Figure 22) inward. Turn both thumbscrews the same number of turns inward or outward until the desired resistance is obtained.


Figure 20. Seat and Backrest Safety Switches


Figure 21. Leg Support Pull Out


Figure 22. Leg Support Tension Adjustment

## OPERATION (continued)

## Foot Pad

The foot pad can be slid beneath the seat with the leg support extended for easy access to the treatment pan (Figure 23). Pushing the leg support back in will allow the glides on the foot pad to drop into slots. The foot pad will once again come out with the leg support the next time it is pulled out.


Figure 23. Slide Foot Pad Back


Figure 24. Treatment Pan


Figure 25. Front Drawer

## OPERATION (continued)

## Paper Roll Holder

To change a paper roll, remove old paper roll tube, place the paper holder rod into the paper roll tube, and place into paper roll holder"J-Hooks" located on the rear of the seat back (Figure 26). Pull the end of the roll over the top of the seat back and place in the desired position.


Figure 26. Paper Roll Installation


Figure 27. Pass Through Work Surface


Figure 28. Location of White Plastic Stop Screw

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## OPERATION (continued)

## Adjustable Stirrups (Optional)

## Operating the Stirrups (Figure 29)

1. To operate the stirrups, grasp end of stirrup and pull straight out of the table. Lift up slightly while sliding the stirrup out.
NOTE: Applying downward pressure when pulling stirrup from table may make it difficult to move. Resistance is normal and is part of the stirrup friction locking mechanism.
2. Unfold stirrup upward to the fully open position.
3. Adjust the stirrup to the desired length by sliding it in or out.

## Stirrup Lateral Adjustment

1. Lift end of stirrup slightly and then rotate outward to desired position.
2. When the desired position is achieved, lower the stirrup to engage the lateral locking mechanism (Figures 29 and 30).
3. Check that lateral locking mechanism is engaged by attempting to move stirrup assembly side-to-side without lifting on the stirrup end.


Figure 30. Stirrup Locking Mechanism

## Storing the Stirrups

1. To store the stirrups in the table, grasp end of stirrup and pull straight out to its full extension.
2. Fold stirrup down against bar, then rotate it to the inner most lateral position and slide it back into the stowed position.


Figure 29. Stirrups


Figure 31. Affix No Attachments!

## NOTICE

Use Stirrup Only as Designed
Do not use any part of the stirrup for attachment of any device (Figure 31). Warranty will be voided. If knee crutches are required for use, order mounting adapters and clamps shown in the Accessories Section.

## OPERATION (continued)

## Grab Bars (Optional)

In the forward (normal use) position, the grab bars lock into place preventing left or right rotation.

The grab bars can be rotated to the side or toward the back of the table for improved access to and stability of the patient. Pull up on the grab bar and rotate to the desired position. The grab bar locks in the front, side and rear positions (Figure 32).

The grab bar can be removed from the table by pulling up on the grab bar, rotating it to the $90^{\circ}$ position and then lifting it out of its holder.


Figure 32. Grab Bar Adjustment
$\qquad$

## TABLE ADJUSTMENTS

| Area Not Clear Hazard |
| :--- |
| Before initiating movement keep personnel and equipment <br> clear of table to avoid personal injury or damage to the equip- <br> ment. |

## Table Height

The table can be adjusted to any height between 18 " to 37" (Figure 33).

1. To raise the table, depress and hold the Table Up pedal until the desired height is achieved, then release the pedal.
2. To lower the table, raise the backrest to the upright position, then depress and hold the Table Down pedal until the desired height is achieved, then release the pedal.
3. Press the blue button to engage the Return to Chair feature (Figure 34).

## NOTICE

Actuator Travel Limit Protection
Each control function will automatically stop moving when either the UP or DOWN travel limit is reached. If the foot pedal is pressed with travel at its limit, the actuator will not operate. Sensors prevent the actuator motor from operating when travel limit has been reached, preventing wear of the actuator.


Figure 33. Table Height Positioning


Figure 34. Lowering with Return to Chair

## NOTICE

## Fuse Protected

The control system is protected by a fuse to prevent excessive current draw which could damage the system. If operation does not resume after a cooling period of one hour, contact Brewer 888-Brewer-1 (888-273-9371).

## TABLE ADJUSTMENTS (continued)

## Seat Back

The back can be adjusted to any angle between horizontal and $80^{\circ}$.

## NOTICE

## To Lower Backrest Fully

Table must be raised to a height of 28 " before the backrest can be lowered to the horizontal position. (See Figure 35).

## Pneumatic Manual Backrest (Model 5700-230)

1. To lower the seat back, push down on the seat back while pulling the release handle upward.


## ACAUTION

Backrest Lowering Hazard
Depressing the manual backrest release handle while a patient is seated on the table can cause the backrest to lower rapidly. Lower the backrest in increments by depressing and releasing the handle. Allowing the backrest to lower in a single motion could cause injury to the patient.
2. To raise the seat back, place hand on the backrest to prevent it from rising rapidly, and then pull the release handle upward. The seat back will lock in the desired position when the handle is released.

NOTE: The pneumatic backrest cylinder does not exert enough force to raise the backrest with a patient lying on the table.

## Powered Backrest (Model 5800-230)

1. To lower the seat back, depress and hold the Back Down pedal until the desired angle is achieved, then release the pedal.
2. To raise the seat back, depress and hold the Back Up pedal until the desired angle is achieved, then release the pedal.

## NOTICE

Power Back Actuator-Push Only
On power back models, the back is positioned by a "push only" actuator that raises the back. When lowered, the actuator retracts and gravity causes the back to lower.


Figure 35. Adjusting Seat Back

## NOTICE

## Avoid Continuous Operation

The table's control system includes a thermal overload safety switch to protect from overheating. If the table is operated continuously causing the control to exceed its allowable operating temperature, the thermal overload safety switch will shut off. If normal operation ceases, do not attempt to operate the table. Allow the table to cool for 10-15 minutes before attempting to use again. The thermal overload switch will automatically reset when it has reached a safe operating temperature.

## MAINTENANCE

## Preventative Maintenance

## NOTICE

Loose Fasteners and Damaged Components
Failure to perform periodic inspections of the table could result in equipment damage.

- Inspect table every 6 months.
- Periodically inspect the electrical and foot control cords to ensure they are free of cuts or damage.
- Inspect the mechanical functions to ensure satisfactory operation.
- Check fasteners to make sure they are present and tightened securely.
- Lubricate the backrest hinge with a food grade silicon lubricant (Figure 39). Cover surrounding area with cloth to protect from overspray and wipe excess.


## NOTICE

Table Malfunction
If table malfunctions, immediately remove your foot from the controls, unplug the power cord from the receptacle, and assist the patient from the table. Service the table prior to use.

|  | Shock Hazard <br> Disconnect power by removing plug from |
| :--- | :--- |
| wall receptacle before servicing table. |  |

Table Care

## NOTICE

## Wipe Spills Immediately!

The upholstery material is resistant to most medicinal type stains, but may be damaged by solvents and dyes. Remove any spilled fluids from the upholstery immediately.

For the latest in Cleaning Guidelines visit: www.brewercompany.com


Figure 39. Lubricating the Backrest Hinge

## WARRANTY

## For Brewer Warranty Information:

Visit www.brewercompany.com or contact the Brewer Customer Service Department at (1-888-Brewer1).

## ACCESSORIES

Listed below are the accessories which are authorized for use with this table.

| Description | Order No. | Use/Restrictions |
| :--- | :---: | :--- |
| Urology Tray w/Hose \& Bucket | 100253 | Conveniently and safely captures fluids during urology <br> procedures. |
| Front Drawer Organizer | 100407 | Optional front drawer dividers for separation and organi- <br> zation. |
| Stainless Steel Treatment Pan | 98464 | Stainless Steel Treatment Pan for collecting debris and/ <br> or fluids during procedures. |
| Welch Allyn III Light Bracket <br> (customer installed) | 100881 | For mounting of Welch Allyn III light. |
| Welch Allyn IV Light Bracket <br> (customer installed) | 2102895 | For mounting of Welch Allyn IV light. |
| Grab Bar Kit | 2102898 | Contains two grab bars, decorative side shrouds and <br> supports. |
| Stirrup Kit (for tables with no outlet) | Contains two Stirrups and hardware for adding Stirrups <br> to tables without outlets. |  |
| Stirrup Kit (for tables with outlet) | 2102897 | Contains two Stirrups and hardware for adding Stirrups <br> to tables with outlets. |
| Work Surface-Pass Through | Work surface that stows beneath seat upholstery - passes <br> to either side providing a surface for lab work, paper work <br> etc. |  |
| Armrest Hole Cap | Covers hole created when user chooses to remove grab <br> bars. |  |

The following items are required for the Articulating Knee Crutch accessory:

| Deluxe Articulating Knee Crutches | 99504 | Allows leg positioning for ease of examination. <br> Contains one LH and one RH Knee Crutch. |
| :--- | :--- | :--- |
| Knee Crutch Adapters (field install) | 100550 | Provides attachment point for Knee Crutch Clamps. <br> Contains two Adapters. |
| Knee Crutch Clamp | 99502 | Clamps Knee Crutch to adapter. <br> Contains one clamp. |

