5085 Corporate Exchange Blvd. S.E.
Grand Rapids, MI 49512 • 616.656.2900

FLEX FIT 600 STIRRUPS - INSTRUCTIONS FOR USE

PN 4-090-06

Introduction

The Skytron Flex Fit 600 stirrups are a premium solution for lithotomy positioning (Figure 1).

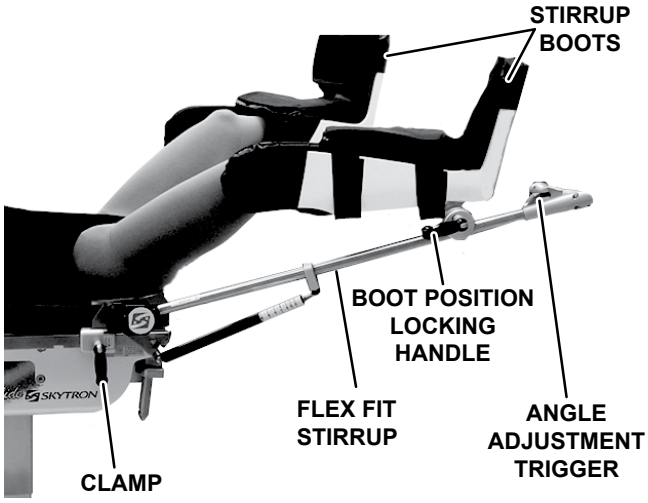

Figure 1. Skytron Flex Fit 600 stirrups

The Skytron Flex Fit 600 stirrups easily install on Skytron table side rails, using the side rail clamps, and are easy to set up and adjust. The stirrups are designed to support a total patient weight capacity of 600 pounds [270 kg].

By squeezing the trigger on the stirrup handle, each Flex Fit stirrup can be positioned from -55° low to 60° high lithotomy and from -9° adduction to +25° abduction, and an external pivot rotation of 20°. Releasing the trigger will lock the stirrup at the current setting.

Flex Fit boots "float", with vertical positioning flexibility, providing protection against compartment syndrome. A side fin has also been incorporated into the boot to help protect the peroneal nerve.

Each pair of stirrups includes a pair of clamps and boot pads.

Specification

Length: 37 inches [940 mm]

Weight: 11 pounds [5 kg]

Install the Stirrups

WARNING

Care should be taken not to use this product with any patient determined not to be suitable for leg positioning accessories.

1. Install a clamp onto the rail on each side of the surgical table, each placed adjacent to the patient's hip. DO NOT tighten the clamp handles.

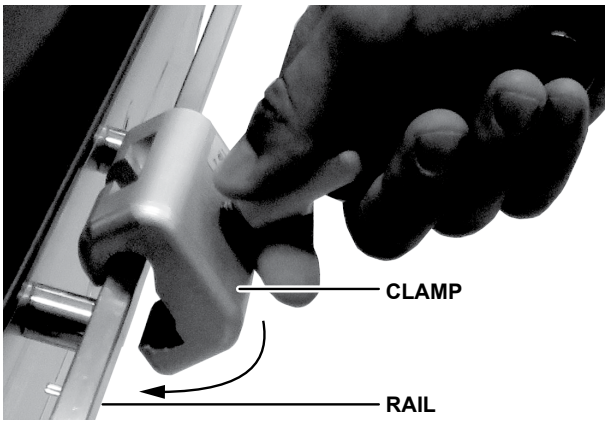

Figure 2. Install the rail clamp

2. Check the bottom of each stirrup boot foot to determine the left and right sides. Left and right is based on the patient's perspective.

3. Insert blade on the each stirrup mount into the appropriate right or left side clamp. If the blade does not fit, unscrew the clamp handle.

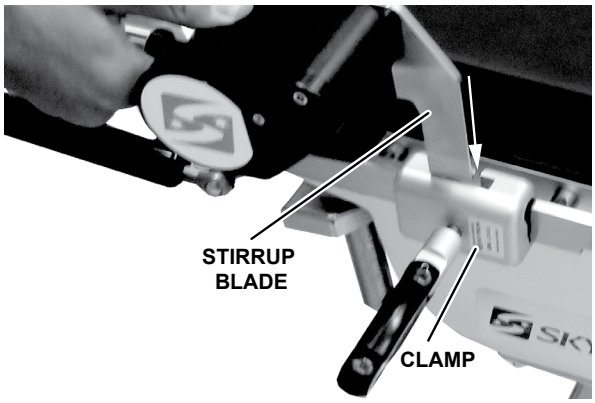

Figure 3. Insert the stirrup into the clamp

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4. When stirrups are inserted into the rail clamps, tighten the rail clamp handles, screwing them in to hold the stirrups fast.

WARNING

The clamp handles must tightened securely before using the stirrups.

Reverse this process to remove the stirrups.

Position the Boots

For each boot:

1. Loosen the boot position locking handle (Figure 1), unscrewing it to loosen it.

2. Slide the boot up and down the stirrup rod and articulate it into the desired position.

3. Tighten the boot position locking handle to lock the boot in place.

NOTICE

To reduce undue pressure under the patient's leg the boot is designed to "float", or pivot vertically at the clamp.

Position the Stirrup Rods

Stirrup rods can be articulated to vertical and horizontal angles. For each stirrup rod:

Grasp the stirrup handle, squeeze and hold the trigger, then move the stirrup to the desired horizontal and vertical position. Release the trigger to lock the stirrup in that position.

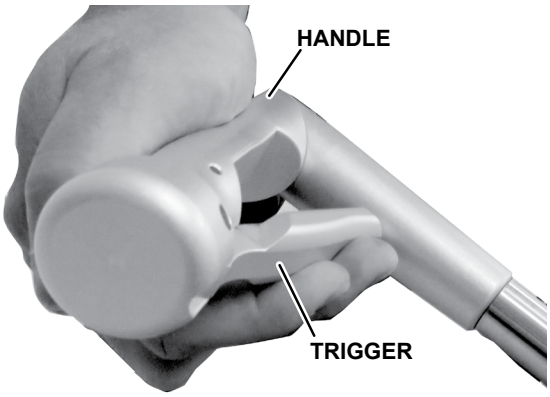


Figure 4. Stirrup rod positioning trigger

Transfer a Patient to Stirrups

For each leg:

1. Support the patient's leg by grasping the heel in one hand and the underside of the knee with the other hand.

2. Gently flex the knee and transfer the leg into the boot.

3. Make sure the patient's heel is securely seated in the heel of the boot. If not, loosen the boot position locking handle, position the boot up or down the stainless steel tube, then tighten the handle.

Adjust Leg Flexion and Abduction

Use the following general guidelines regarding proper initial leg flexion and abduction:

- When using LOW LITHOTOMY, use extreme care not to hyperextend the leg while achieving desired abduction.
- When using MEDIUM or HIGH LITHOTOMY, use minimal initial leg flexion and abduction as both will increase as the legs are raised.
- The ankle, knee, and opposing shoulder should be maintained in a relatively straight line during positioning.
- Notice that for a typical patient, the thigh and foot are abducted at approximately the same angle.

To make leg flexion and abduction adjustments, grasp the stirrup handle, squeeze and hold the trigger, and move the stirrup to the desired position. Release the trigger to lock it in that position.

Figure 5. Thigh and Foot Abduction

After making adjustments, make sure the patient's heels are securely seated in the heel of the boot. If not, loosen the boot clamping handle, position the boot up or down the stainless steel tube, then tighten the handle.

Cleaning

Stirrup and Boot Cleaning

After each use:

1. Remove each boot pad from the boot. Unstrap the Velcro holding the pad to the boot, then pull off the boot pad.
2. Clean the boot pads:

   (a) Wash with a generous application of neutral soap suds and lukewarm water. Rinse with water and dry thoroughly. DO NOT immerse.

CAUTION

Bleach must be diluted to a 10:1 water to bleach ratio when disinfecting.

   (b) Disinfect with a diluted bleach solution of 10-parts water to 1-part bleach. Wipe dry with a clean cloth. DO NOT immerse.

   For more information, refer to the Boot Pad Cleaning procedure, located on a label inside the boot pad, for instructions on cleaning and disinfecting boot pads.

1. Clean and disinfect each stirrup, including boot and clamp, using a quaternary ammonium disinfecting/cleaning solution following the manufacturer's recommendation for achieving low-level disinfection.
   - Read the cleaning product's directions and follow the instructions on the label.
   - Use caution in areas where fluid migration may occur (e.g., handles, side rail clamps).
2. Wipe all components with a clean, dry cloth.

CAUTION

Make sure Flex Fit stirrups, boots, boot pads, and clamps have been cleaned, disinfected, and are completely dry before proceeding.

3. Inspect Flex Fit stirrups, boots, clamps, and boot pads for wear or damage. Repair or replace worn items before proceeding. Avoid use if any damage is discovered on the accessory or attachment clamp.
4. Install dry boot pads into boots and secure with Velcro.

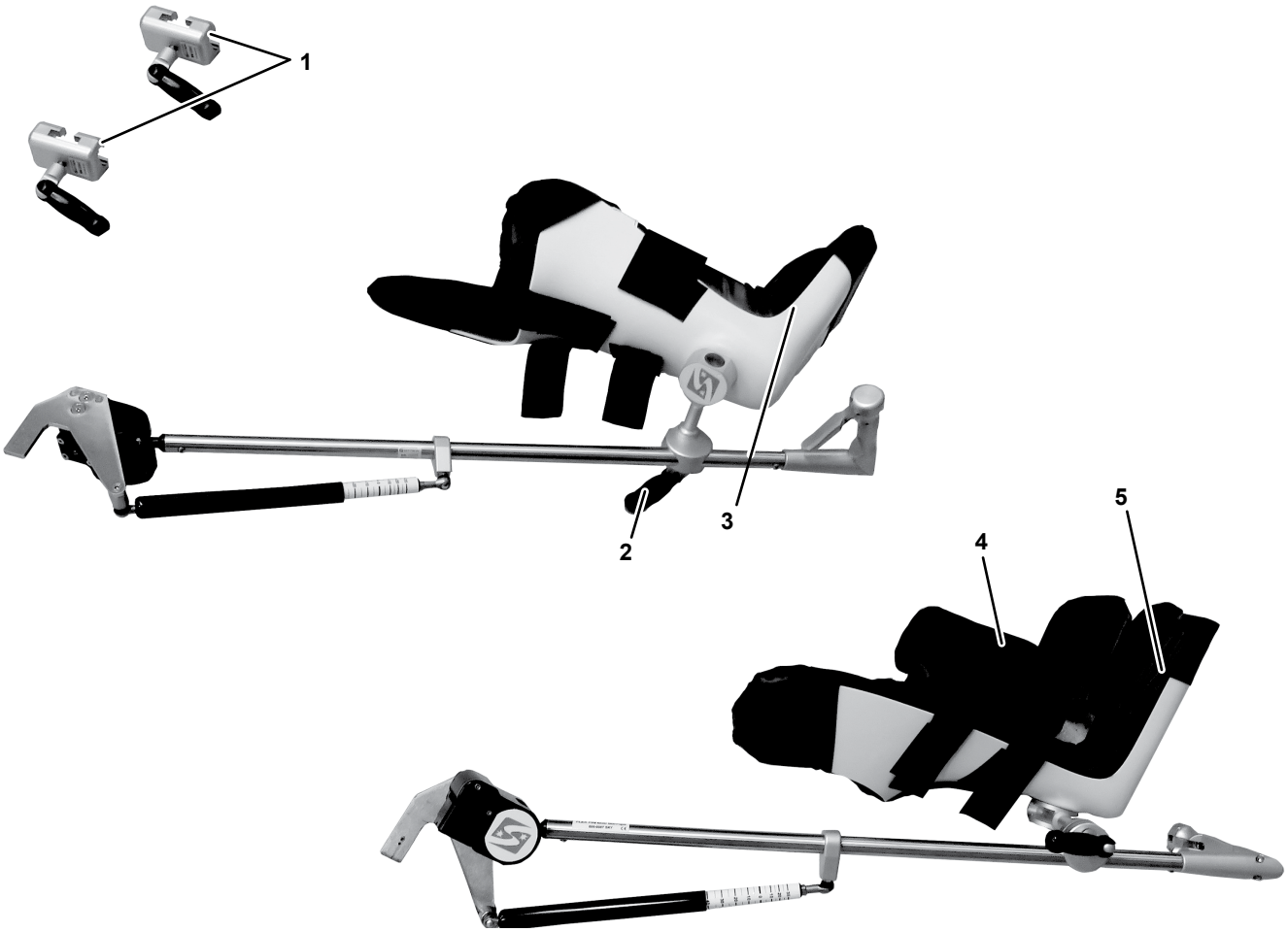
Remove the Stirrups and Rail Clamps

For each rail clamp:

1. Loosen the handle and extend it so that it sticks straight out.
2. Pull the stirrup blade up and out of the clamps, fully removing the stirrup assembly from the clamps.
3. Holding the clamp handle, push in and tilt the clamp up at the same time.

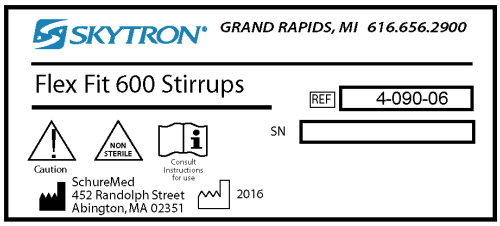
Replacement Parts

a. Major Components



Item	Part Number	Description	Quantity
1	4-090-15	SPRINGLOC CLAMP	1
2	4-090-04-27	SCHUREMED HAND GRIP, black	2
3	4-090-04-33	STIRRUP BOOT, left	1
4	4-090-06-12	PLATINUM STIRRUP BOOT PADS, set	2
5	4-090-04-34	STIRRUP BOOT, right	1

b. Labels



1.

Flex Fit Stirrup Label	Part Number: 4-090-06-L1

2.

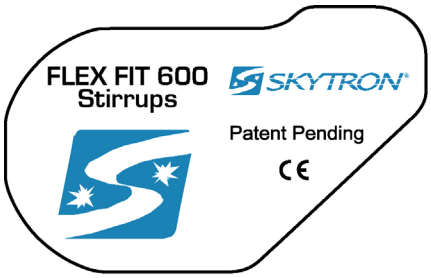
Flex Fit Stirrups Label	Part Number: 4-090-06-L2

3.

Flex Fit Left Boot Label	Part Number: 4-090-06-L3

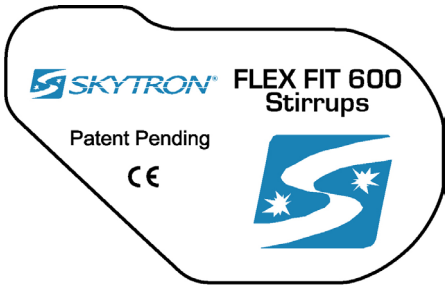
4.

Flex Fit Right Boot Label	Part Number: 4-090-06-L4



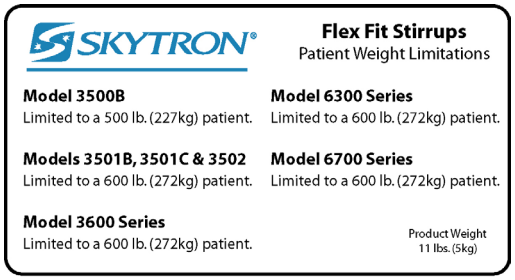
5.

Flex Fit Left Base Label	Part Number: 4-090-06-L6



6.

Flex Fit Right Base Label	Part Number: 4-090-06-L5



Weight Limit Label	Part Number: N/A

Item	Part Number	Description	Quantity
1	4-090-06-L1	Flex Fit Stirrups UDI label	1
2	4-090-06-L2	Flex Fit Stirrups Label	1
3	4-090-06-L3	Flex Fit Stirrups Left Boot Label	1
4	4-090-06-L4	Flex Fit Stirrups Right Boot Label	1
5	4-090-06-L5	Flex Fit Stirrups Base Label Right	1
6	4-090-06-L6	Flex Fit Stirrups Base Label Left	1

Revision History

Date	Revision	Summary of Changes
10/28/2016	0	Initial release

NOTES:

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US - SKYTRON
5085 Corporate Exchange Blvd. S.E.
Grand Rapids, MI 49512 (616) 656-2900
www.skytron.us

Manufactured by:

SchureMed
452 Randolph Street
Abington, MA 02351

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