**GCX**
*INSTRUMENT MOUNTING SYSTEMS*

## Installation Guide
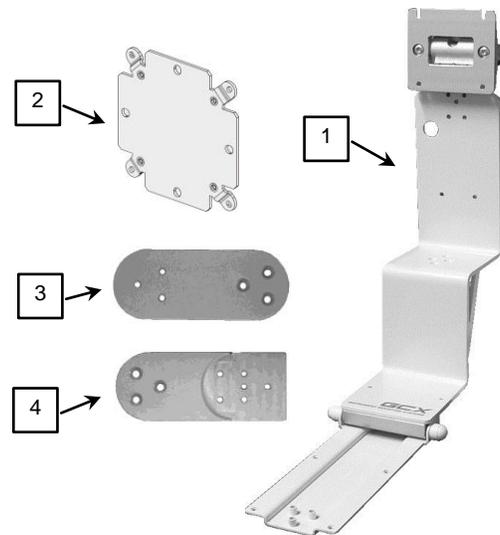
### Ergo Bracket with Folding Keyboard Mount

*The purpose of this guide is to:*

1. *Describe attachment of Ergo Bracket to a roll stand (page 2).*
2. *Describe attachment of Ergo Bracket to VHM Arm (page 2).*
3. *Describe attachment of Ergo Bracket to  M-Series Arm (page 3).*
4. *Describe attachment of a keyboard tray to the Ergo Bracket (page 3).*
5. *Describe mounting of a flat panel display to the Ergo Bracket (page 4).*
6. *Describe attachment of Vertical Extension (for mounting larger displays) to Ergo Bracket (page 4).*
7. *Describe adjustment of folding tension and tilt tension (page 5).*

## Parts Reference

The following parts and hardware are included with this installation kit (hardware not shown):

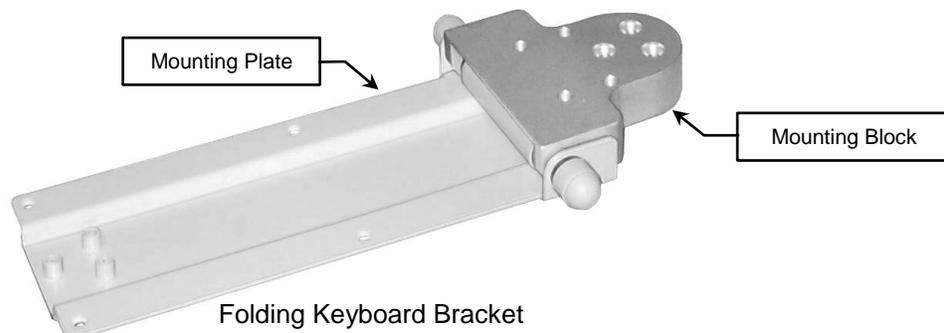| Item # | Item Description | Qty |
|--------|------------------|-----|
| *1 | Ergo Bracket with Folding Keyboard Mount | 1 |
| 2 | VESA  75/100mm Mounting Adapter (includes instructions) | 1 |
| 3 | Horizontal Extension | 1 |
| 4 | Vertical Extension | 1 |
| 5 | #10-32 x 3/4" Flat Head Machine Screw (FHMS) | 6 |
| 6 | #10-32 x 5/8" FHMS | 6 |
| 7 | #10-32 x 5/16" FHMS (100 degree) | 4 |
| 8 | #10-32 x 3/8" FHMS | 3 |
| 9 | Screw Cover, Black Lexan | 2 |
| 10 | Hook-and-Loop Strip, 16" | 2 |
| 11 | Mouse Pad, Adhesive-backed | 1 |
| 12 | 9/64" Hex Wrench | 1 |



*\*Ergo Bracket is available with a VESA Mounting Plate (as shown here) or with a 5" Slide-on (plunger) Mounting Plate. The only difference between these Ergo Brackets is the method of attachment of the display.*

## Tools Required

Phillips screwdriver (not provided), 9/64" hex wrench (provided), two 1/2" wrenches (not provided).
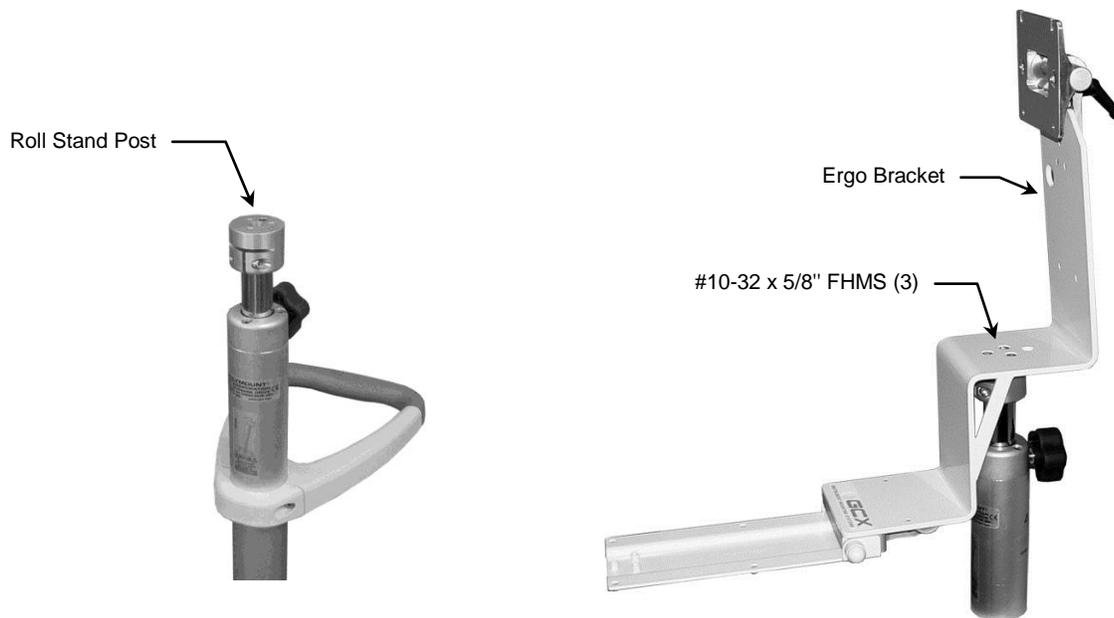
⚠ CAUTION: Do not place fingers in-between Folding Keyboard Bracket Mounting Block and Mounting Plate surfaces. There is risk of pinching or crushing fingers, especially while installing keyboard tray and adjusting folding tension.
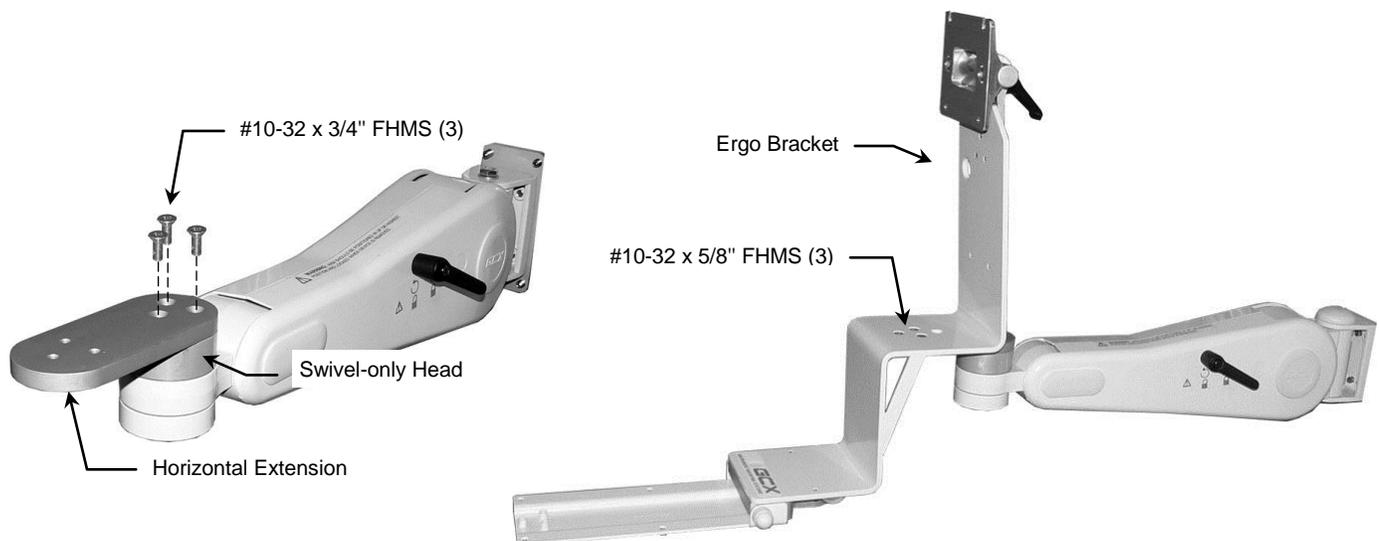


Mounting Plate

Mounting Block

Folding Keyboard Bracket

**Attaching Ergo Bracket to Roll Stand Post**

1. Align a 3-hole mounting pattern in the Ergo Bracket with the corresponding mounting pattern in the top of the post. Fasten the Bracket to the Post with three (3) #10-32 x 5/8" FHMS as shown below.
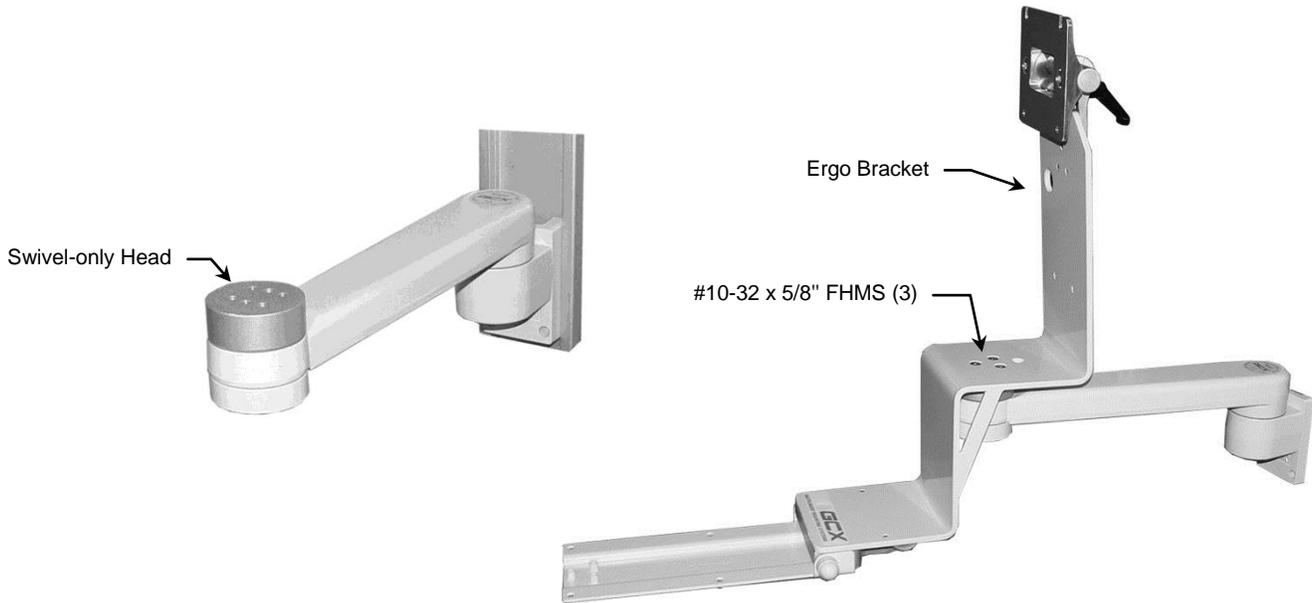
Roll Stand Post

Ergo Bracket

#10-32 x 5/8" FHMS (3)

**Attaching Ergo Bracket to VHM Arm (Swivel-only Head)**

1. Fasten the 5" Horizontal Extension to the swivel-only head with three (3) #10-32 x 3/4" FHMS as shown below left.

2. Fasten Ergo Bracket to corresponding mounting holes in Horizonal Extension with three (3) #10-32 x 5/8" FHMS as shown below right.

#10-32 x 3/4" FHMS (3)

Swivel-only Head

Horizontal Extension

Ergo Bracket

#10-32 x 5/8" FHMS (3)

**Attaching Ergo Bracket to M-Series Arm**

1. Fasten Ergo Bracket to corresponding mounting holes in the swivel-only head with three (3) #10-32 x 5/8" FHMS as shown below.
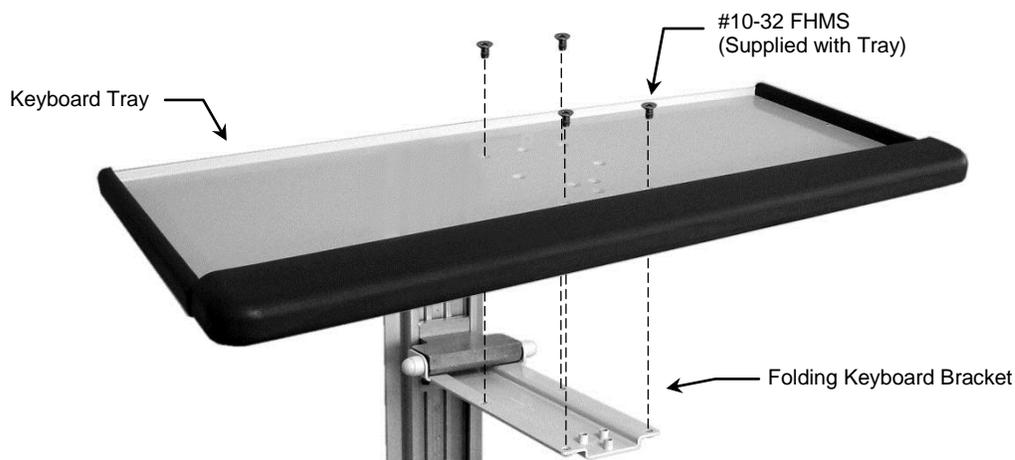
Ergo Bracket

Swivel-only Head

#10-32 x 5/8" FHMS (3)

**Attaching of Keyboard Tray or Plate to the Folding Keyboard Bracket**

**Installation Notes**

**A.** This installation requires hardware included with the Keyboard Tray or Keyboard Plate. Follow instructions included with the Keyboard Tray or Plate.

**B.** Two (2) 16" hook-and-loop strips (not shown) are provided with this installation kit for securing the keyboard to the keyboard tray if necessary. Follow instructions included with the Keyboard Tray or Plate.

**C.** An adhesive-backed Mouse Pad (not shown) is provided with the Folding Keyboard Bracket. The adhesive backing keeps the Pad in place when the Tray is folded upward.

A typical Keyboard Tray-to-Folding Keyboard Bracket attachment is shown below. A wall-mounted Folding Keyboard Bracket is shown below but the mounting procedure is the same for the Ergo Bracket.

#10-32 FHMS
(Supplied with Tray)

Keyboard Tray

Folding Keyboard Bracket

**Mounting a Flat Panel Display on the VESA Ergo Bracket**

This installation procedure requires hardware from the *Mounting Kit for 75/100 VESA Compatible Flat Panel Displays* (item #2 in Parts Reference, page 1). Follow instructions (DU-FLP-0002-17) included with the mounting kit.
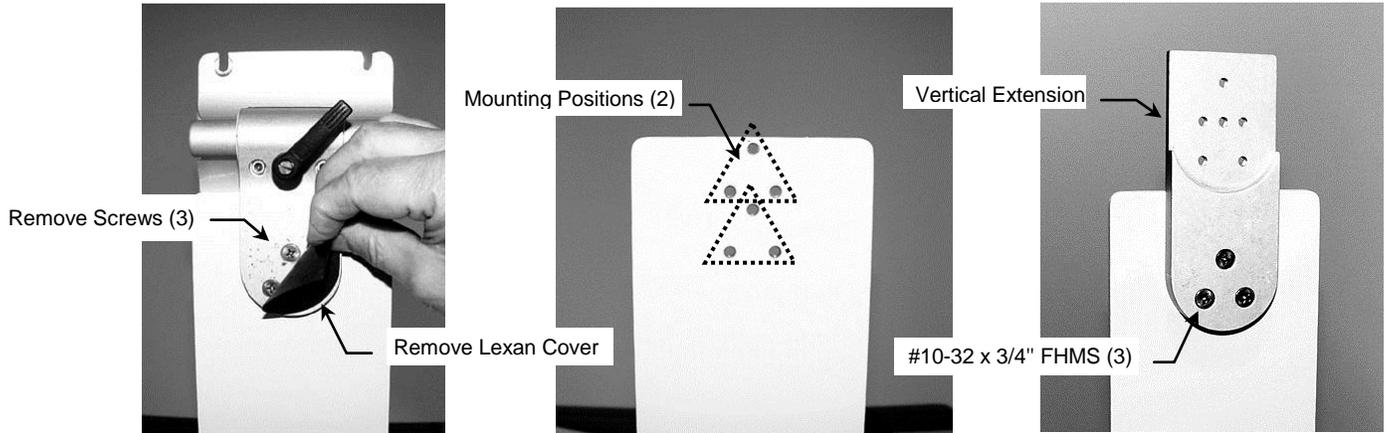
**Mounting a Flat Panel Display on an Ergo Bracket with 5" Plunger Mounting Plate**

A Flat Panel Mounting Adapter Kit is required. Please refer to the installation guide included with the mounting adapter for complete mounting instructions.
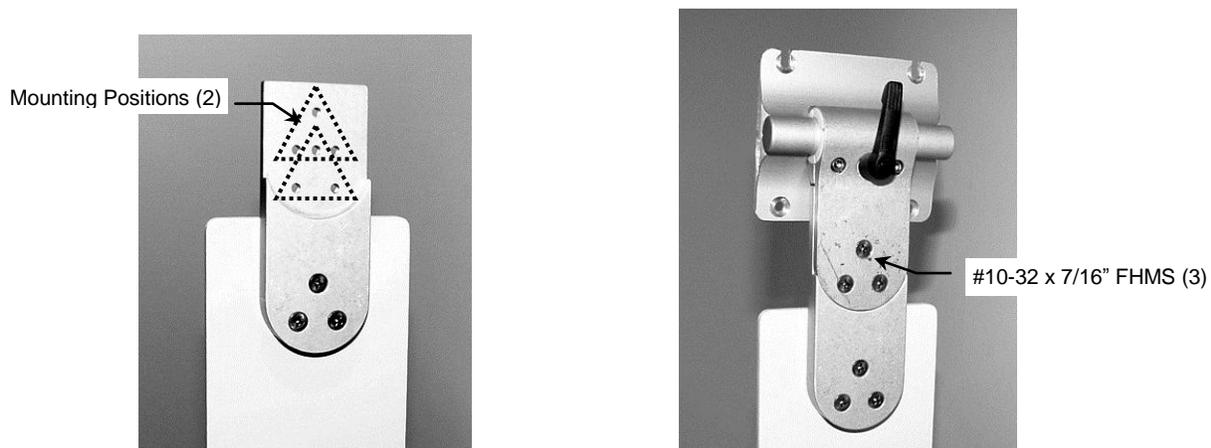
**Attaching Vertical Extension for Mounting Larger Flat Panel Displays**

A Vertical Extension is provided with this installation kit to allow the Ergo Bracket to accommodate larger Flat Panel Displays.

1. Remove the Lexan Cover from the Manual Tilt/Mounting Plate Assembly (below left). Unscrew three (3) #10-32 x 7/16" flat head screws. Retain these three screws for use in Step 3.

2. Select the desired mounting height for your Display (below center) and fasten the Vertical Extension to the Ergo Bracket with three (3) #10-32 x 3/4" FHMS as shown below right.



Remove Screws (3)

Remove Lexan Cover

Mounting Positions (2)

Vertical Extension

#10-32 x 3/4" FHMS (3)

3. Select the desired mounting position (below left). Fasten the Manual Tilt/Mounting Plate Assembly to the Vertical Extension with the three (3) #10-32 x 7/16" FHMS removed in Step 1 (below right). **Note:** New Lexan Covers are provided for covering screw heads on the Vertical Extension and Manual Tilt/Mounting Plate Assembly. Peel off backing and place new covers over the screw heads if desired.



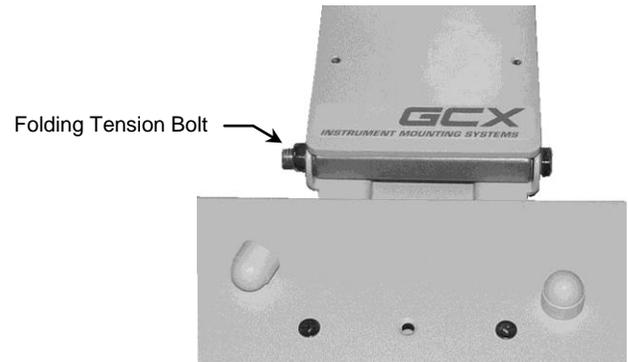Mounting Positions (2)

#10-32 x 7/16" FHMS (3)

4. Mount the Flat Panel Display according to DU-FLP-0002-17. This installation procedure requires hardware from the *Mounting Kit for 75/100 VESA Compatible Flat Panel Displays* (item #2 in Parts Reference, page 1). Follow instructions (DU-FLP-0002-17) included with the mounting kit.
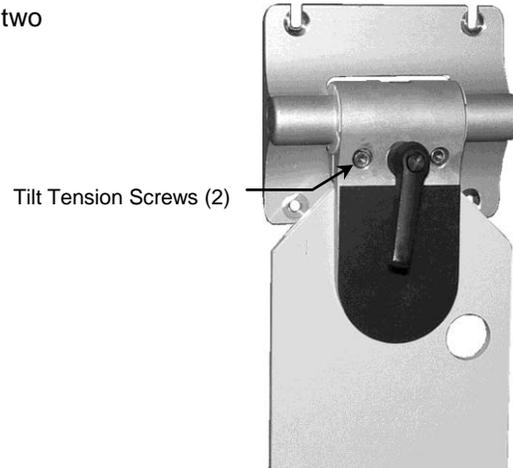
## Adjusting Folding Tension

If the Folding Keyboard Bracket becomes difficult to fold or will not maintain the folded (upward) position, adjust folding tension as described below:

1. Pry plastic bolt covers off each end of the hinge bolt.

2. Using a 1/2" wrench on each end of the bolt, tighten or loosen bolt until desired tension is achieved.

3. Replace bolt covers.

Folding Tension Bolt

## Adjusting Tilt Tension

1. Using the 9/64" hex wrench provided, equally loosen or tighten two (2) tilt tension screws (shown right).

Tilt Tension Screws (2)

## Routine Maintenance

Periodically inspect all hardware associated with the mounting system. Tighten or adjust as necessary for optimal operation and safety.

## Cleaning the Mounting Assembly

1. The mounting assembly may be cleaned with most mild, non-abrasive solutions commonly used in the hospital environment (e.g. diluted bleach, ammonia, or alcohol solutions).

2. The surface finish will be permanently damaged by strong chemicals and solvents such as acetone and trichloroethylene.

3. Do not use steel wool or other abrasive material to clean the mounting assembly.

4. Damage caused by the use of unapproved substances or processes will not be covered by warranty. We recommend testing of any cleaning solution on a small area of the arm that is not visible to verify compatibility.

5. Do not submerge or allow liquids to enter the arm. Wipe any cleaning agents off of the arm immediately using a water-dampened cloth. Dry the arm thoroughly after cleaning.

**CAUTION:** GCX makes no claims regarding the efficacy of the listed chemicals or processes as a means for controlling infection. Consult your hospital's infection control officer or epidemiologist. To clean or sterilize mounted instruments or accessory equipment, refer to the specific instructions delivered with those products.