GCX INSTRUMENT MOUNTING SYSTEMS

GCX Mounting Assembly Installation Guide

Mounting Adapter for: Drager IDS DC Power Supply Model MS18284
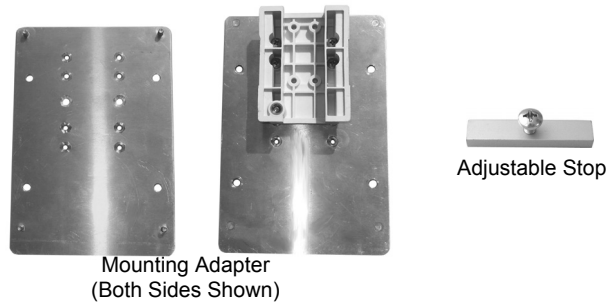Drager PS250 Power Supply
Drager P2500 Power Supply

The purpose of this guide is to:

1. *Describe procedure for attaching power supply Mounting Adapter.*
2. *Describe procedure for mounting power supply in vertical channel.*

Parts Reference

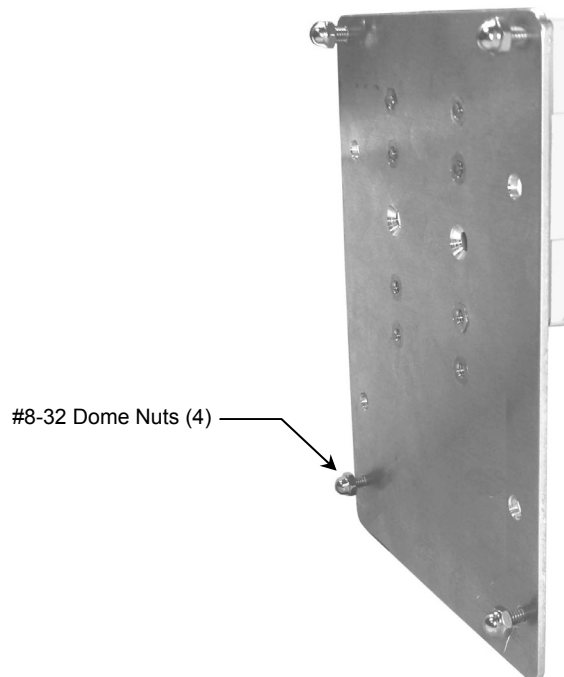The following parts and hardware are included with this installation kit (see photo for parts; hardware not shown):

Item #	Description	Qty
1	Mounting Adapter	1
2	#8-32 Dome Nut (for IDS)	4
3	M5 x 14mm PHMS/M5 Nuts/M5 Jam Nuts	4
4	Adjustable Stop	1

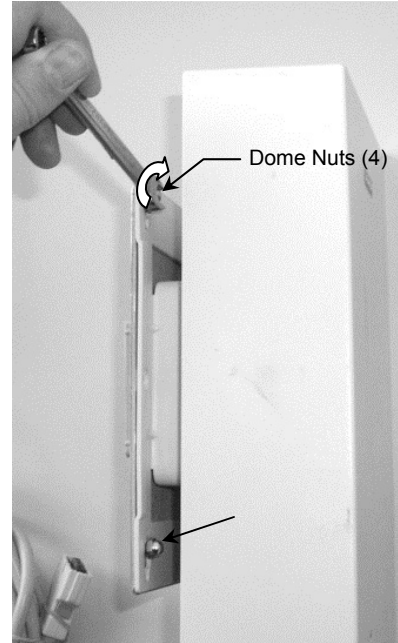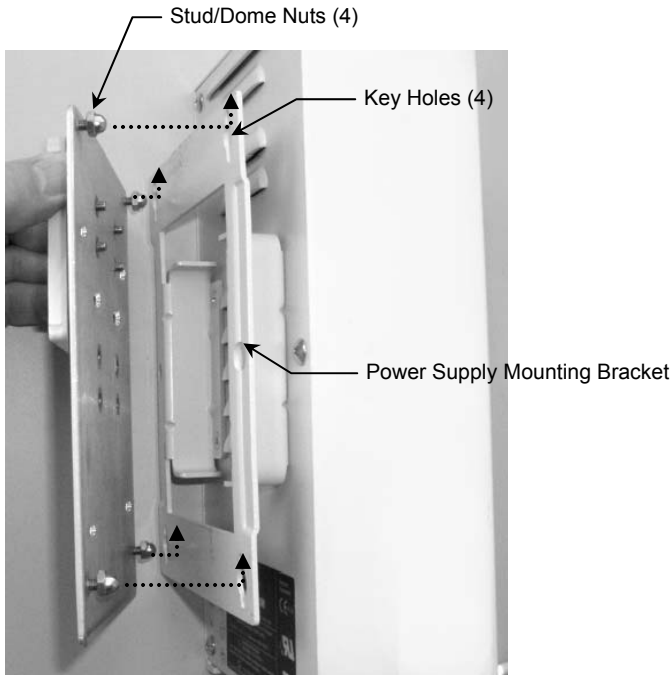Mounting Adapter
(Both Sides Shown)

Adjustable Stop

Tools Required: 5/16" wrench, Phillips screwdriver.

Attaching the Mounting Adapter to the IDS Power Supply

1. Loosely attach four (4) #8-32 Dome Nuts to four (4) Threaded Studs on Mounting Adapter (below). Do not tighten Dome Nuts at this time.
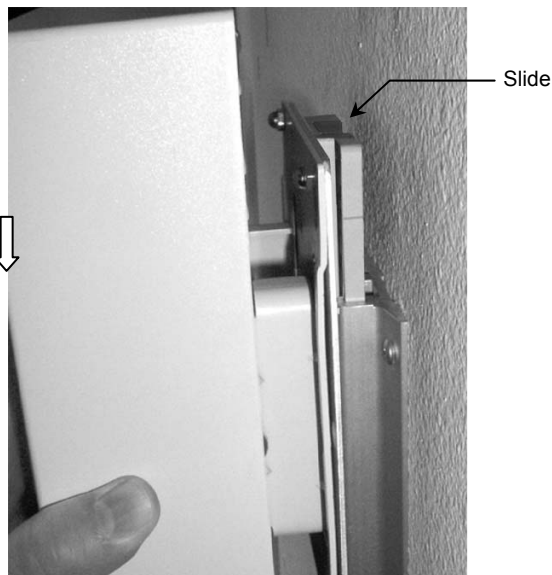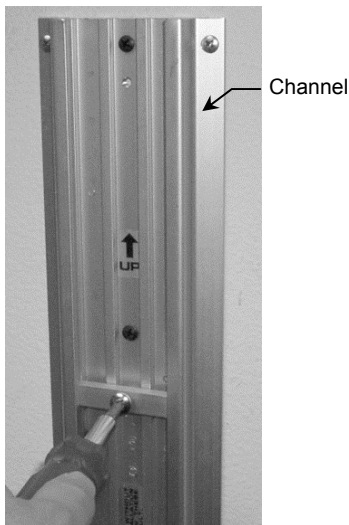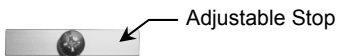

#8-32 Dome Nuts (4)

2. Locate four (4) keyholes in Power Supply Mounting Bracket and insert four (4) Studs/Dome Nuts through keyholes (below left). Slide Studs into upper slots of keyholes.

3. Using a 5/16" wrench, tighten all four (4) Dome Nuts to secure Mounting Adapter to Mounting Bracket (below right).
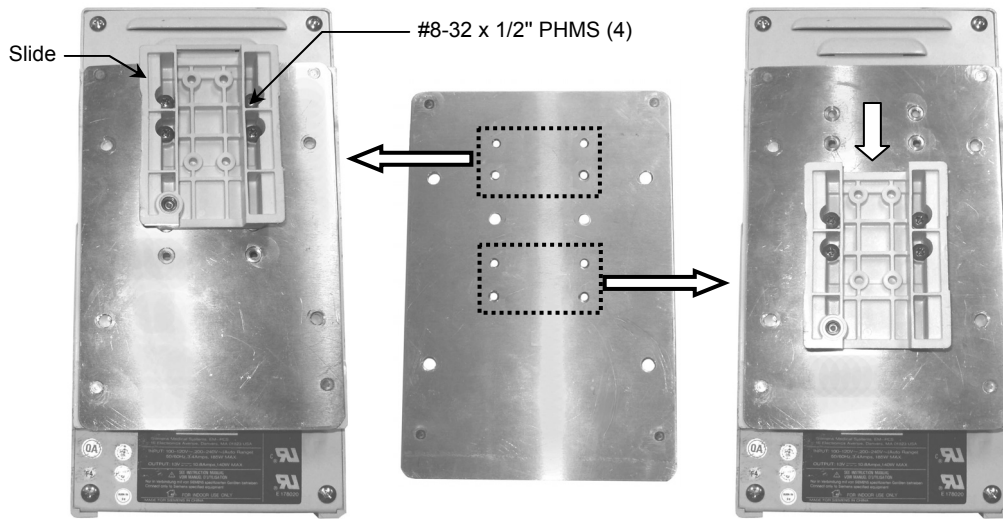

Stud/Dome Nuts (4)

Key Holes (4)

Power Supply Mounting Bracket

Dome Nuts (4)

Mounting the Power Supply in a Channel

1. Insert Adjustable Stop in top of vertical channel (below left) and slide it to desired power supply mounting position. Tighten center screw to secure Adjustable Stop in position.

2. Insert Slide (rear of Power Supply) in top of vertical channel (below center) and guide power supply down channel until it rests against Adjustable Stop (below right).
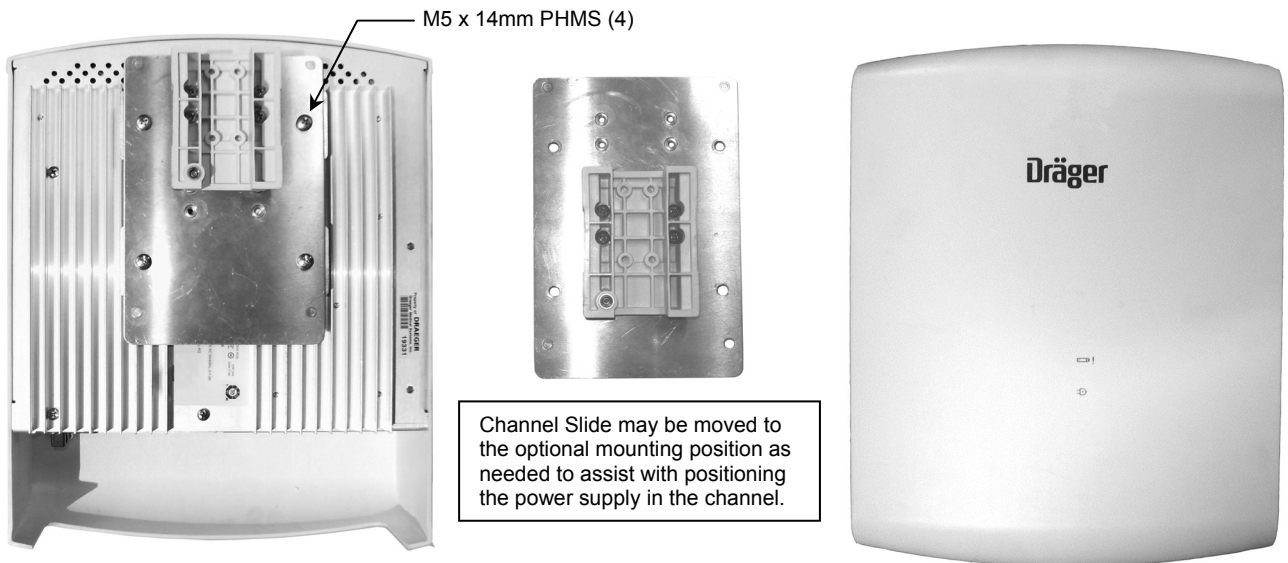

Adjustable Stop

Channel

Slide

Optional Mounting Position for IDS Power Supply

Slide may be moved to *optional mounting position. Unscrew four (4) #8-32 x 1/2" PHMS and re-attach Slide to new mounting position (below right). **CAUTION!** Do not over tighten screws.

Slide — #8-32 x 1/2" PHMS (4)

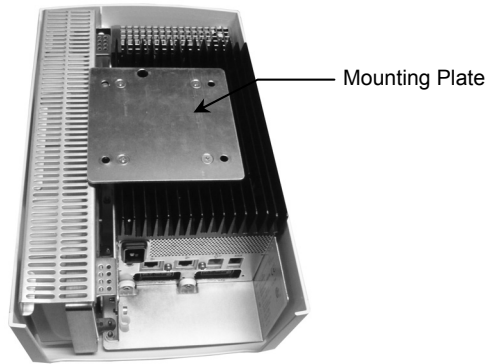## Attaching the Mounting Adapter to the PS250 Power Supply

1. Align the Mounting Adapter with the (4) M5 threaded holes on the back side of the PS250 Power Supply. Use the supplied M5 x 14mm PHMS to secure the Adapter Plate.

M5 x 14mm PHMS (4)

Channel Slide may be moved to the optional mounting position as needed to assist with positioning the power supply in the channel.
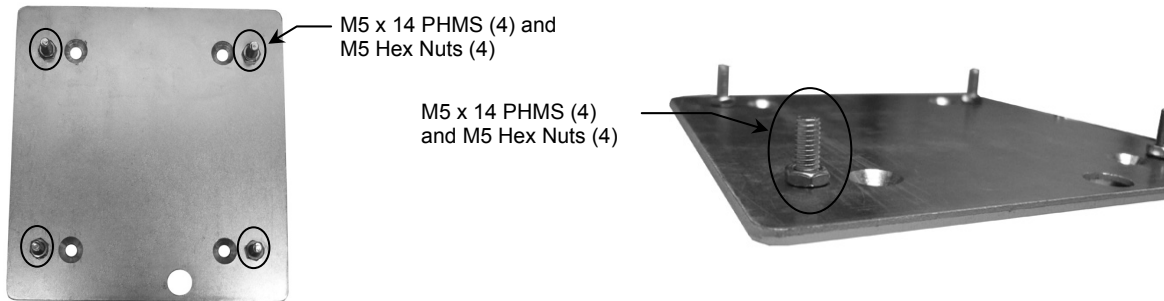
2. Refer to **Mounting the Power Supply in a Channel** section on Page 2 for installation into a channel.

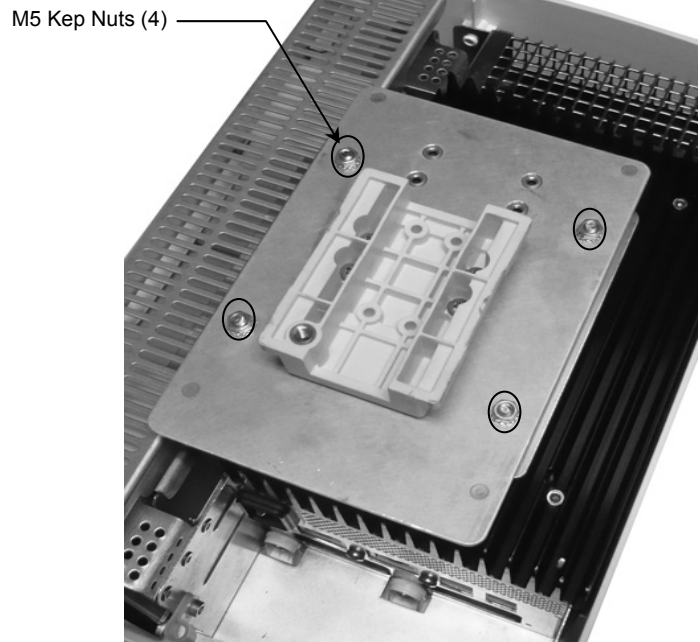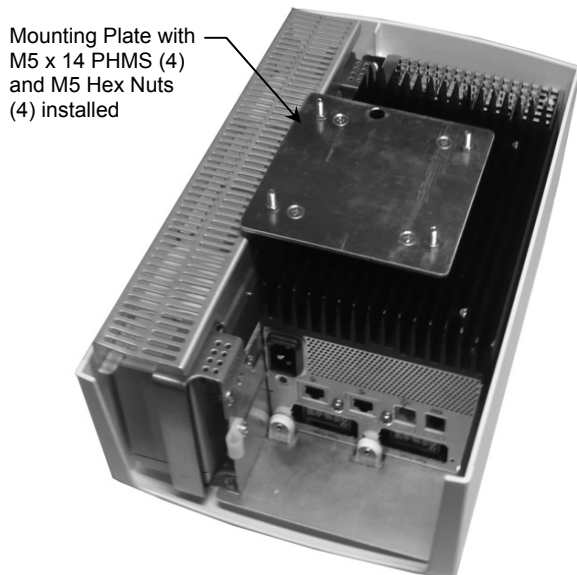**Attaching the Mounting Adapter to the P2500 Power Supply**

1. The power supply comes out of the box with a mounting plate attached:

Mounting Plate

2. Remove the mounting, and install the (4) M5 x 14 PHMS screws using the (4) M5 Hex Nuts:

M5 x 14 PHMS (4) and
M5 Hex Nuts (4)

M5 x 14 PHMS (4)
and M5 Hex Nuts (4)

3. Re-install the mounting plate to the power supply and install Mounting Adapter using the (4) M5 Kep Nuts:

Mounting Plate with
M5 x 14 PHMS (4)
and M5 Hex Nuts
(4) installed

M5 Kep Nuts (4)

4. Refer to **Mounting the Power Supply in a Channel** section on Page 2 for installation into a channel

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.