

GCX® Mounting Assembly Operation/Installation Manual

Dräger Model Cicero® with GEMS Information Technologies Solar® 8000M Patient Monitoring System



The purpose of these instructions is to:

1. Describe attachment of GCX mounting hardware to the Cicero EM anesthesia machine.
2. Describe attachment of the Solar 8000M monitoring hardware to the GCX mounting hardware.



WARNING: USE OF MOUNTING HARDWARE AND MONITORING COMPONENTS OTHER THAN THOSE DESCRIBED IN THIS DOCUMENT MAY RESULT IN SERIOUS INJURY DUE TO TIPPING OF THE ANESTHESIA MACHINE.
DO NOT CONNECT ANY SOLAR 8000M COMPONENTS INTO ANY AC AUXILIARY SOCKETS ON THE BACK OF CICERO EM UP FROM 240 VOLT, 50/60 HZ.. USE SEPARATE POWER SOCKETS.

INSTALLER: When installation is completed, provide these instructions to the end user for future reference.

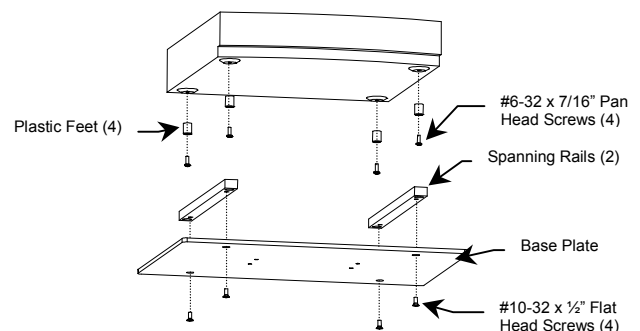
INSTALLATION

Tools Required: Philips head screw driver, Hex key (incl.).

Solar 8000M Base Unit

Parts required: Spanning Rails (MM15713), Spanning Rail Accessories (MM15714)

1. Attach the Spanning Rails to the white side of the Base plate using the #10-32 x 1/2" flat head machine screws. Remove the existing rubber feet from the bottom of the Solar 8000M Base Unit. Attach the Plastic Feet to the (4) threaded inserts in the bottom of the Solar 8000M Base Unit using the #6-32 x 7/16" pan head machine screws
2. Clean the top shelf of Cicero, and the blue side of the Base plate with a mild solution of ammonia or bleach. Dry both surfaces thoroughly. Attach the (4) strips of double stick foam tape to the blue side of the Base Plate. Place the Base Plate onto the Cicero top shelf. Press down firmly for several seconds. The double stick tape will take up to 24 hours to set permanently, and will then require a blade or matte knife for removal.
3. Place the Solar 8000M Base Unit onto the Base Plate, aligning the Plastic Feet with the holes in the Spanning Rails.



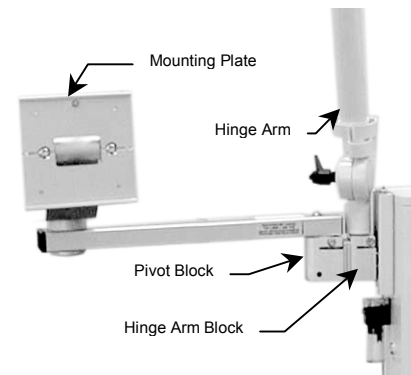
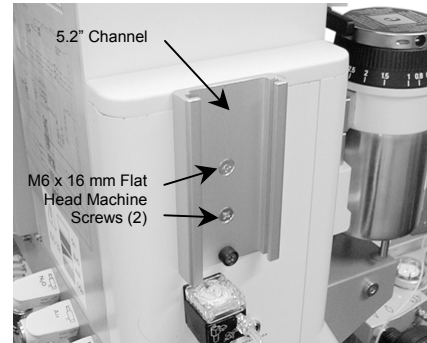
Pivot Arm & Flat Panel

Parts required: Pivot arm (MM15711), 5.2" Channel and Shim (MM15710)

The pivot arm should be mounted on the upper left, in place of the Dräger Hinged Arm.

Disassembling the Dräger Hinged Arm:

1. Remove the hinge arm from the pivot fitting (located on the upper left side of Cicero).
2. Remove the hinge arm pivot fitting from the side of the Cicero. Remove the M3 socket head cap screw and nylon bushing from the top of the pivot fitting.
Important: Retain these parts for later use.
3. Attach the Channel in place of the hinge arm pivot fitting by running the (2) M6 x 16mm flat head machine screws through the Channel, through the Shim, and into the threaded inserts in the upper left side of the Cicero.
4. Slide the entire Arm assembly into the Channel.
5. Insert the nylon bushing (removed in step #2) into the top of the Hinge Arm Block of the Pivot Arm assembly. Run the M3 socket head cap screw through the M3 lockwasher and into the tapped hole in the top of the Hinge Arm Block.
6. Slide the Flat Panel horizontally into the Mounting Plate until the spring plunger locates in the clearance hole in the Mounting Adapter. Tighten the (2) nylon thumb screws at the rear of the Mounting Plate.



Solar 8000M Keypad Bracket

1. To mount keypad below the flat panel, follow instructions provided with the keypad bracket.



RAC4A Housing

Parts required: C-Clamp hanger for RAC4A housing

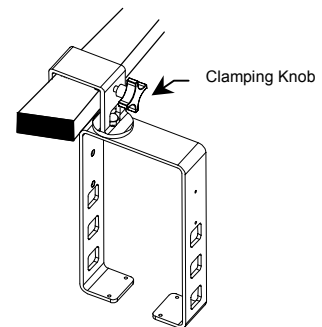
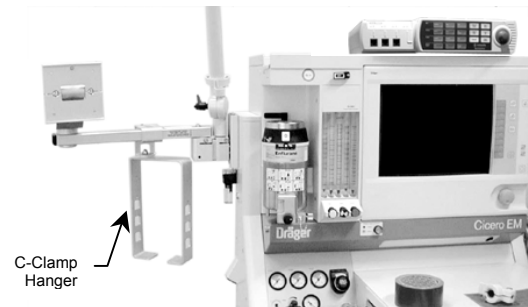
The RAC4A housing can be positioned in one of two areas: On the Pivot Arm for the flat panel display, or on a separate 8" Arm.

1. Attach the C-Clamp Hanger to the bottom of the RAC housing using the #8-32 machine screws provided.
2. Turn the Clamping Knob on the C-Clamp counterclockwise as far as possible. Position the C-Clamp over the top of the flat panel support arm or on the separate 8" Blank Arm and tighten the Clamping Knob.

Option: Separate 8" Arm (left side of Cicero)

Parts required: T-adapter (86 02 509), 4" Channel (MM15719), 8" Blank Arm (MM15720)

1. Mount the T-adapter using the M8 X 25 screws.
2. Attach the 4" Channel to the T-adapter using (2) M6 flat head machine screws.
3. Slid the 8" Blank Arm into the Channel (from the top).



Octanet and Flat Panel Power Supply

Mount these components on the back of Cicero to the right of the PM8060 monitor.

1. Hang the Channel and Clamping Bar over the lip of the Cicero top shelf in the position shown. Tighten the #10-32 flat head machine screws (2) firmly. (Fig. 1)
2. Slide the Cross Member into the Channel as far down in the Channel as possible. If the molded slide is tight in the Channel, it may be necessary to file down the shear tabs on the sides of the slide. (Fig. 2)
3. Install the black molded fixed stop in the center of the Channel using the #10-32 x 7/16" oval head machine screw provided. This stop is used to maintain proper spacing of the devices. (Fig. 2)
4. Attach the Power Supply Holster to the right side of the Cross Member using the (4) #10-32 x 3/8" flat head machine screws provided. Insert the Flat Panel Power Supply into the Holster. (Fig. 3)
5. Attach the painted Plate and Slide to the rear of the Octanet, using the (4) #6-32 x 7/16" flat head machine screws and (4) #10-32 x 5/8" BHMS screws provided. (Fig 4)
6. Slide the Octanet into the Channel. (Fig. 5)

Caution: Do not plug the flat panel power supply into any AC auxiliary sockets on the back of Cicero - Use a separate power socket.

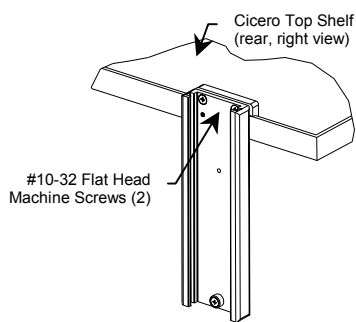
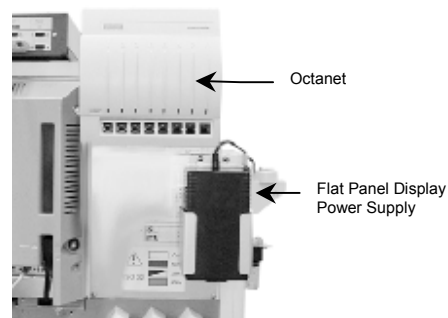


FIGURE 1

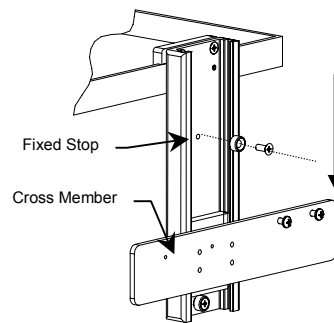


FIGURE 2

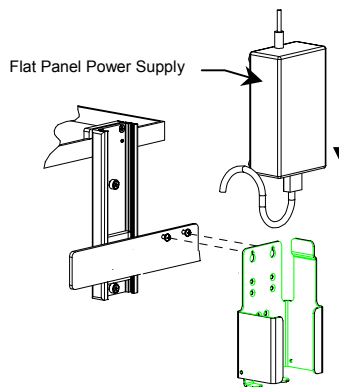


FIGURE 3

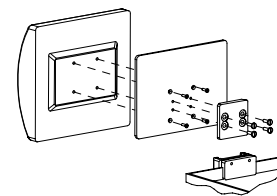


FIGURE 4

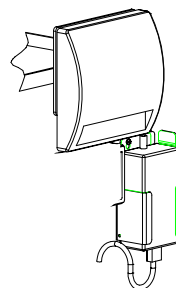


FIGURE 5

INSTRUCTIONS FOR USE

Pivot

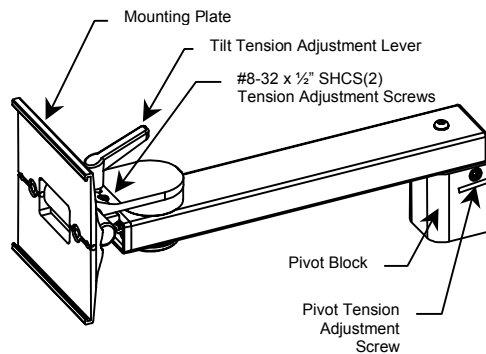
1. To pivot or move the Flat Panel Display, simply push on the side of the Arm or the Display.
2. To adjust the tension of the pivot action, tighten or loosen the pivot adjustment screw (at the top of pivot block, above the slot, just below the arm) with the hex key provided.

Swivel

1. To rotate the Flat Panel Display, simply push or pull the corners of the display.

Tilt

1. Adjust the overall tilting tension by evenly tightening or loosening the (2) #8-32 X 1/2" SHCS - (Tension Adjustment Screws) with the hex key provided. Use the Adjustment Lever to fine tune and lock the tilt position.
2. Turn Adjustment Lever counter clockwise to loosen. Grasp the top and/or bottom of the monitor/display and tilt to the desired angle.
3. Turn Adjustment Lever clockwise to tighten and lock position.



Cleaning

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. Steel wool or other abrasive material should never be used.
4. Damage caused by the use of unapproved substances or processes will not be warranted. To verify compatibility, it is recommended that any cleaning solution be tested on a small area of the arm that is not visible.
5. Never submerge the mounting 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 devices or accessory equipment, refer to the specific instructions delivered with those products.

PARTS LIST

GCX P/N	Dräger P/N	DESCRIPTION
DR-0017-83	MM15710	5.2" Upper Left Channel
DR-0017-23	MM15711	12" Pivot Arm with Hinge Block
DR-0015-82	MM15713	Top Shelf Base Plate
ME-0031-89	MM15714	Top Shelf Rails & Feet for Base Unit
ME-0017-78	MM15715	RAC4A C-Clamp Hanger
ME-0016-78	MM15716	RAC2 C-Clamp Hanger
DR-0017-84	MM15718	Octanet/Power Supply/Tramnet Hub Assembly
Option:		
DR-0017-82	MM15719	4" Lower Left Channel
	8602509	Lower Left Channel T Adapter
WM-0004-04	MM15720	8" Blank Arm