INTRODUCTION

BEFORE YOU BEGIN

Study the overview and dimensional specifications. Make sure the planned location will have the necessary space available for installation, including room for all of the operatory equipment.

Locate all documentation supplied with the package. Manuals and installation sheets may be found in one or more boxes accompanying their respective components. Set aside the Instructions For Use for the end user to review.

SYMBOLS USED IN THIS MANUAL

The following symbols may be used throughout this product manual:

**WARNING:** Failure to carefully follow the described procedure may result in damage to the equipment or the operator.

**CAUTION:** Failure to carefully follow the described procedure may result in damage to the equipment.

**NOTE:** Take note of additional important information. Not a warning or caution.

**ELECTRICAL HAZARD:** Risk of electrical shock present. Ensure that power is disconnected before attempting procedure.

TABLE OF CONTENTS

- Overview 2
- Introduction 3
- Dimensional Specifications 4
- Site Preparation 5
- Installation 6
- Door and Drawer Alignment 10
- Electrical Outlets 11

REGULATORY INFORMATION

Regulatory information is delivered with DCI Edge dental equipment as mandated by agency requirements and can be found in the accompanying Instructions For Use for this device.
DIMENSIONAL SPECIFICATIONS - SERIES 5

TOP VIEW

SIDE VIEW

FRONT VIEW
SITE PREPARATION

FIRST STEPS

1. Lay the installation template over plumbing stub-ups and check the position in the operatory.
2. Install air and water shut-off valves (not supplied).
3. Install 4” x 4” electrical connection box (not supplied).
4. Mark the two cabinet mounting points according to the template.
   - Wood: Drill two 1/2” holes, 3-1/2” deep into floor (provided in hardware kit).
   - Concrete: Install 1/2” anchor bolts leaving 1” above floor (provided in hardware kit).

AIR

Pipe: 1/2” n.p.t. Protruding 1” from the floor. Supplied by contractor.
Air supply: pressure 80-100 psi. Air should be free from contaminants.

WATER

Pipe: 1/2” n.p.t. Protruding 1” from the floor. Supplied by contractor.
Water supply: pressure 40-80 psi. Water should be flushed clean before connecting to this equipment.

ELECTRICAL

Electrical: 4” x 4” x 2-1/8” Electrical Connection Box with 1/2” conduit knockouts.
Wire box as per local code with top of the box no higher than 4-1/2” above finished floor. Voltage: 115 VAC, 3 wire, 20 amp with ground fault circuit interrupter (Series 5 cabinet only).
Second circuit if optional x-ray unit is being installed: 115 VAC, 3 wire, 20 amp circuit
3rd Party x-rays must be connected to the provided hospital grade outlet inside the X-Ray Module.

WARNING: Ensure the cabinet is properly grounded to protective earth.

WARNING: 3rd party x-ray systems must be connected to a dedicated electrical circuit.

CAUTION: Electrical utilities must be installed according to local codes and by a licensed electrician.

See “Electrical Outlets” Page 11

CENTRAL VACUUM

Pipe: supplied by contractor. Terminated with 5/8” OD tube protruding 1” from the finished floor.

GRAVITY DRAIN

Pipe: 5/8” OD tube protruding 1” from the floor. Place trap in-line and use vented fitting to conform to local codes. Supplied by contractor.
INSTALLATION

PREPARATION

1. Remove cabinet modules from the pallets.
2. Remove the door in the sink module as shown by unclipping the quick-release hinges.
3. Remove the two side panels from the support column which are held to the column with plastic snapping clips.

WARNING: Always lift cabinets by the bottom edge, being careful to lift with your legs and not your back. Do not lift from the underside of the counter.
INSTALLATION

POSITION MODULES

1 Locate the Support Column in alignment with the position for the 1/2” anchor bolts in the floor template.

2 Push the Sink Module against the support column and in the correct position over the stub-ups.

CONNECT MODULES AND LEVEL

3 Attach the Sink Module to the support column by installing the 1/4-20 x 1-3/8” bolts into the predrilled holes. Tighten bolts securely.

4 Push the Rear Storage Module against the back of the Support Column.

5 Attach the Rear Storage Module to the support column by installing the 1/4-20 x 1-3/8” bolts into the predrilled holes. Tighten bolts securely.

6 Level the modules by placing a level on the countertop and adjusting the height of the leveling feet which are located at each corner of the modules.

7 Using a level, ensure that the support column is plumb (perpendicular to level), both front to back and side to side.
INSTALLATION

SECURE TO THE FLOOR

1. Wood Floor: Secure the Support Column to the floor using two 1/2” x 3-1/2” lag bolts, washers, and lock washers. Concrete Floor: Secure the Support Column to the floor using two 1/2” x 3-1/2” anchor bolts, washers, lock washers, and nuts.

Ensure the bolts are tightened securely.

2. Re-check plumb of the vertical surfaces of the Support Column and adjust as necessary.

3. Use two 10-32 fasteners to attach to the seat pan casting.

WARNING: This cabinet must be bolted to the floor as directed in this section. Failure to do so may result in damage to the cabinet and unsafe operating conditions.

ADD UPPER REAR STORAGE

1. Install the rear dress panel using 4 1/4-20 x 2” bolts through the Rear Storage Module. Make sure the bi-fold door rollers are in the track.

2. Install the top panel and secure by turning the Rafix connectors 180° clockwise in 6 places.

3. Install the bi-fold doors by clipping on the hinges from the bottom up.

4. Install the hinge follower into the guide roller and tighten the screw.

Standard Storage  X-Ray Storage
INSTALLATION

ADD UPPER FRONT STORAGE

1. Install the center divider panel using two 2-1/8" High/Low screws.

2. Install the metal backsplash behind the sink using two 1/4-20 x 2 3/8" bolts. Install screws from below the counter without tightening.

3. Push the backsplash against the divider panel and tighten the 1/4-20 x 2-3/8" bolts.

4. Use four 1/4-20 x 2" bolts to secure the Front Upper Module to the Support Column.

5. Re-attach all drawers and doors.
DOOR AND DRAWER ALIGNMENT

ALIGN DRAWERS

1. Align drawer faces and seams by adjusting the drawer face attachment.

   - Side adjustment
   - Height and Tilt adjustment

   1. Loosen fixing screws
   2. Adjust front
   3. Tighten screws
   1. Adjust height cam
   2. Turn rail to adjust tilt

ALIGN DOORS

2. Align door faces and seams by adjusting the hinges.

Three-dimensional adjustment

- Side adjustment
  - Turn front screw to increase or decrease door overlay (±2 mm).

- Height adjustment
  - Rotate cam screw-on mounting plate to adjust door position (±2 mm).
  - On non-cam mounting plates, loosen screw, adjust door and retighten screws.

- Depth adjustment
  - Turn rear spiral-tech cam screw to adjust door position (-3 mm, -2 mm).
  - For CLIP, loosen rear screw, adjust and retighten.
### GROUNDING INSTRUCTIONS

This product must be connected to a grounded metal, permanent wiring system, or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the product.