



INTER DYNE

SYSTEMS

Stainless Steel Casework

Operating, Installation and Maintenance

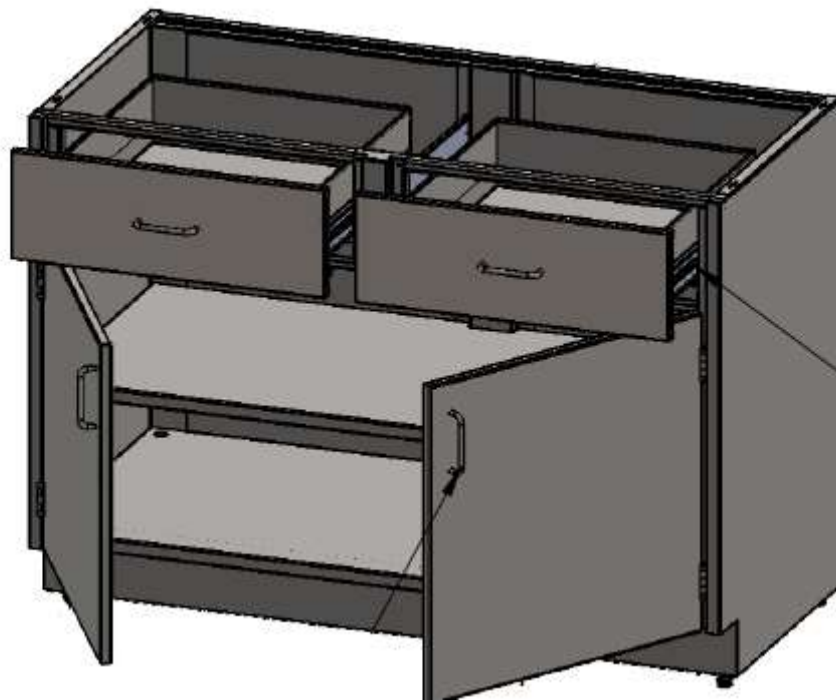


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Maintenance

Congratulations! you have just purchased stainless steel casework and we want to help make them last for many years to come. Our cabinets and countertop are made from type 304 stainless steel or even a higher grade like type 316 stainless steel upon request. Most components have a #4 brushed finish that comes standard on them. Stainless steel is designed with the concept of resisting chemical attack. Many common chemicals used in today's laboratories are safe to use with these types of stainless steel but, in some instances after extended use, there can be a discoloration or fading appearance that can happen. To help assure this does not happen to your casework and to keep it looking its best, we suggest cleaning up any spills immediately and to regularly wipe down all surfaces with a common glass or stainless steel cleaner. Mild soap and hot water are a very effective cleaning tool as well and will not harm the surfaces. Remember to always wipe in the same direction as the grain as to prevent scratches. Drawer slides can occasionally use a silicone-based lubricant and the tracks they slide in should be cleaned out to keep a nice free sliding drawer motion.

Base cabinets

Base cabinets come in a variety of options that may consist of doors and drawers. The drawers are easily removable by simply pressing up or down on the nylon lever. See picture below. The removal of the drawers may be necessary for installation and or cleaning. The drawers should go in the same way they came out. Most base cabinets do not have a finished upper side and thus removal of the drawers is required to fasten the countertop to the cabinets. Base cabinets have a return form on each side allowing you to fasten through the cabinet into the hat channel of the stainless steel top or the underside of any solid surface top. The base cabinet has four levelers (see pic below) that are easily accessible by removing the black plastic caps located on the bottom of the inside of the cabinets. These levelers easily adjustable with a socket headed screw driver ¼" socket. Place a level onto the top of the cabinet and adjust as needed. Remember to place the black plastic hole covers upon finishing to prevent dirt, and foreign objects from getting under your base cabinet. The doors are installed with an all stainless steel five knuckle hinge (see pic below) and are attached to the door and the cabinet with three stainless steel flat head Phillips headed screws #8 in size. Magnetic door latches (see pic below) are attached at the top of each door and held on with one # 8 flat headed Phillips's head screw. Each cabinet configuration is different but many contain adjustable shelving. Each shelf hangs on four supplied shelf clips (see pic below). The clip goes into each hole location by rocking the lower part of the clip into the hole first and forcing the rest of the clip into the slotted hole. Base cabinets come standard supplied with a removable back panel. In some cases, there are two back panels. Each panel hangs with gravity and two lower stainless steel screws to keep it from coming out. The top of the rear panel has an over bend on it and attaches at two self-evident locations to the back side of the cabinet. (See pic below).

Drawer Slid Clip



Hinge



Leveler



Rear Panel



Magnetic Closure



Wall

Cabinet

Wall cabinets are made with a rear cavity so they can hang on a supplied offset or “Z” clip (See pic below). Using a level, place a line on the wall at the desired height and install the bracket with the offset upwards. Then lift the cabinet just an inch above and slide down. Gravity will now hold the cabinet on the wall. Cabinet doors can be solid stainless steel or framed glass doors (see pic below). The glass door cabinets have a removable panel on the inside allowing you to replace the glass if ever broken with four flat Phillips’s head screws #8 (see pic below). Each cabinet comes with adj interior shelves and clips that operate the same as the base cabinet shelving shown above.

Inside of Frame Glass Door



Wall Cab Install Clip



Floor case cabinets

Once level using the same method as the traditional base cabinets above, we highly recommend you add additional installation points to prevent tipping. Through the rear of the cabinet drill two to four ¼” holes and fasten to the wall. Please remember to place blocking in the wall and in front of the wall at these locations prior to installation to prevent dimpling in the cabinet.

Filler panels

End fill panels have a double flange and are meant to be adhered or screwed into each adjoining cabinet. Rear fills are double flanged as well and meant to be installed to cabinet side and wall with supplied install holes for a #8 screw. Front fill panels are formed with toe kick and have a double flange for attaching to cabinets and or wall with supplied #8 holes. Corner fills have a bent double toe kick and a double flange for attaching to each cabinet side with again #8 install holes. Wall cabinet fills are 3 sided to fill in at the top front and below in a “C” shape with a double flange with install holes for a #8 screw.

Knee Space Panels

Knee space panels are made to size w 1” flanges all four sides, two of which have installation holes for attaching at cabinet side for a #8 screw.

Aprons

Aprons and aprons w drawers have a four-sided flange for attaching at each cabinet side and for attaching to the countertop. The lower flange is for rigidity only and not for installation. When installing an apron with drawer please remove the drawer using the detail explain on the base cabinet section above prior to mounting the apron to the top.

Sloped tops

Slopped tops are shipped loose and are supplied with two rear flanges that have two each key shaped installation holes (see pic) in them for attaching to the wall above the cabinet. The front lower part of the sloped top has a returned safety edge and rests on the cabinet. In longer then 30” segments this front flange has an attached angle clip that can be used to attach to cabinet top via a screw or double-sided tape.

Key Holes on Sloped Top



Inter Dyne Systems offers a 1-year limited warranty on all its products. Please take extra care to inspect all items as soon as they arrive and please report any freight damage within five business days. If any other technical assistance is required, please feel free to reach out to us at our number 231.799.8760 and we will be more than happy to assist you.

Thank you for your business with ID Systems, Inc