



**Model KSR-5000 Knife Sanitizer and  
Model KSS-5050 Knife Sanitizer System**

**Operation Instructions**

**I. Model KSR-5000 Knife Sanitizer**

The knife sanitizer, Model KRS-5000 consists of a sanitizer tank contained inside a stainless steel housing. This tank can be filled with water and a sanitizing liquid, powder or tablet. The volume of the tank and sanitizing solution is 5 quarts, 1-1/4 gallons or 4-3/4 liters and the sanitizing solution should be prepared according to the instructions of your sanitizer supplier for this volume of liquid.

The immersion time in the sanitizing solution will also be determined by the strength of the solution and the recommended immersion time as specified by the supplier of your sanitizer.

To function properly the knives must be submerged in the sanitizing solution for the required time to destroy the bacteria and then placed in a knife rack for drying.

If you are purchasing only the knife sanitizer, Model KSR-5000, please see the installation instruction below.

**II. The Model KSS-5050 Knife Sanitizing System**

The Model KSS-5050 Knife Sanitizing System consists of the Model KRS-5000 knife sanitizer, a Model KR-50 knife rack and a mounting plate assembly A9942 on which the knife sanitizer and the knife rack are mounted. This mounted plate can be mounted to a wall or work table using the installation instructions below.

**Use of the Sanitizing Unit**

1. Prepare the sanitizing solution according to the instructions supplied by the supplier of your sanitizer and fill the sanitizing tank with the solution to a level that just covers the knife rack insert inside the sanitizing tank. **The fluid level line and the words “FLUID LEVEL” is stamped on the bracket that supports the knife rack insert inside the tank.**
2. Place the knives that have been thoroughly cleaned to remove all food product and other residue from them into the knife rack insert inside the tank and leave for the amount of time as specified by the supplier of your sanitizer.

**Warning: All knives must be clean and free of all food and other particles for the sanitizing solution to be effective. Knives made from carbon steel may rust if left in the sanitizing fluid for a long period of time. The use of an iodine based sanitizer may cause tank discoloration and prevent detection of the colored solution strength change.**

3. After the required time period has elapsed, place the knives in a sanitized knife rack or if you are using the knife sanitizing system, into a Model KR-50 knife rack and leave until dry.
4. The sanitizing fluid must be changed according to the instructions provided by the supplier of your sanitizer by first removing the knives and knife insert and bracket and then lifting

the tank out of its cabinet and dumping the fluid into a sink. Some models may be supplied with a plastic tube and tube clamp to be used to drain the sanitizer tank without first removing the tank.

### **Installation Instructions**

#### **I. Model KRS-5000 Knife Sanitizer**

The Model KRS-5000 knife sanitizer will weigh 15 pounds or more when filled with water, sanitizer and knives. This unit must therefore be properly installed to prevent the unit from falling or being pulled off of the mounting surface during the frequent use and sanitizer replacement. The unit should also be mounted low enough on a wall or work table to allow for ease of tank removal for dumping of the sanitizing solutions.

1. If you are mounting this unit to a cement block or cement wall, make sure that the anchors will support 2 to 3 times the dead load of the unit or 30 to 50 pounds (13.6 – 22.7 kg).
2. If you are mounting the unit to a sheetrock wall it is recommended that a bracket that will support 30 to 50 pounds (13.6 to 22.7 kg) be first attached to the metal or wood studs and then the knife sanitizer mounted directly to the bracket.
3. If you are mounting this unit to the end of a work table follow instructions according to #2.

#### **II. Model KSS-5050 Knife Sanitizing System**

The knife sanitizing system, Model KSS-5050, has a mounting plate that can be attached directly to a wall using the three vertical holes located approximately in the center of the plate. Care should be taken when mounting the system to make sure that the sanitizing tank is at a low enough level to make sanitizer removal easily accomplished.

1. If you are mounting the plate directly to a cement block or cement wall, make sure that the anchors are strong enough to support 2 to 3 times the dead weight load of the system of 21 pounds or 45 to 65 pounds (20.4-29.5 kg).
2. If you are mounting the plate to a sheetrock wall the plate must be mounted directly to the wall studs with anchors or screws that will support 45 to 65 pounds (20.4-29.5 kg) or a bracket that will support 45 to 65 pounds can be installed to the studs and then the plate will be mounted directly to the support bracket.
3. If you are mounting the system to the end of a work table first attach a bracket that will support 45 to 65 pounds (20.4- 29.5 kg) to the table and then attach the mounting plate directly to the bracket with screws that will support the same load.

### **Technical Information**

1. Volume of fluid in sanitizing tank = 5 qts / 1 1/4 gal / 4 3/4 L.
2. Dimension of Model KRS-5000 = 4 1/2" x 10 1/4" x 13 3/4" (11.41 cm x 26.04 cm x 34.9 cm)  
Dimension of Model KSS-5050 = 4 1/2" x 18" x 18" (11.4 cm x 45.7 cm x 45.7 cm)
3. Weight of Model KRS-5000 = 14 3/4 lb. with fluid
4. Weight of Model KSS-5050 = 21 lb. with fluid