

## STATNIP DESICCATOR INSTRUCTIONS

### MODEL #134900

#### **PRODUCT INFORMATION**

The Boekel Scientific STATNIP Desiccator is an ideal desiccator for storing electrostatic discharged (ESD) sensitive devices including CMOS and other types of electronic semiconductors and semiconductor substrates. The stainless steel and glass STATNIP provide a clean, dry, and antistatic environment for component storage. The see-through glass sides provide for quick identification of desiccator contents and the rear gas inlet port and side pressure relief valve allow for creating an inert environment within the unit.

#### **UNPACKING**

1. Remove the STATNIP desiccator, shelves, and gas inlet grounding lug assembly from the carton.
2. Inspect for damage and report all shipping damage to the carrier immediately.
3. Retain all packaging material in the event that the unit must be returned.
4. Complete and return the self-addressed Warranty Registration Card or visit the Boekel Scientific website at [www.boekelsci.com](http://www.boekelsci.com) and complete the warranty registration online.

#### **SET-UP**

1. Attach the gas inlet/grounding lug assembly to the STATNIP unit by inserting it into the hole in the lower left, rear corner. Tighten securely using the hex nuts provided.
2. Ground the STATNIP by using a wire with a ¼ inch spade lug. If desired, grounding through a resistor (typically 1 megohm) can be used to protect personnel from ground faults or to diminish discharge rates.  
Under most room conditions (relative humidity greater than 40%) grounding may be unnecessary due to static potential continuously being discharged in room air.
3. Connect gas hose to inlet. You can regulate the gas flow into the STATNIP by adjusting the pressure relief valve on the upper right corner of the unit. This valve provides gross regulation only. For fine gas regulation a user supplied needle valve is required.
4. Slide Shelf assemblies into the STATNIP.

#### **CLEANING**

1. Clean the STATNIP with a damp lint-free cloth. Recommended solvents for cleaning include water, ethanol, and isopropanol.
2. CAUTION: STATNIP door gaskets and window seals may swell or crumble after immersion in solvents containing ketones or long chain hydrocarbons. Do not use cleaning agents containing waxes since this could adversely affect the dissipative properties of this STATNIP desiccator.

**SERVICE: RETURN AUTHORIZATION IS REQUIRED**

1. Should service be required, contact your salesperson or Boekel Scientific Customer Service at 1-800-339-6929 x5.

**SPECIFICATIONS**

Size (W x D x H):	21 ¾" x 21" x 24"
Weight:	60 lbs.
Chamber Size:	6.4 cubic feet
Shelf Size:	19 1/8" x 18 7/8"
Ground Lug:	¼" spade connector
Gas Inlet Port:	¼" O.D., 5/32" I.D.
Maximum Temperature	150°C

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