STATNIP® DESICCATORS
MODELS 134800 & 134900
(PLEASE READ THESE INSTRUCTIONS COMPLETELY BEFORE OPERATING)

PRODUCT INFORMATION

The Boekel STATNIP® 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® provides a clean, dry and anti static 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. In total, the Boekel STATNIP® desiccator is a high quality device at an exceptional value.

PRODUCT PERFORMANCE

STATNIP® Model 134800 is 1 foot (30.5cm) high and provides approximately 3.2 cubic feet (.09 cubic meters) of storage space. STATNIP® Model 134900 is 2 feet high (61cm) and provides approximately 6.4 cubic feet (.18 cubic meters) of storage space. Shelf dimensions in both units are 19 1/8 inches (48.6cm) by 18 7/8 inches (47.9cm). Two shelves are supplied with each STATNIP®. Additional shelves may be purchased separately.

STATNIP® units are stackable to at least three units high for the model 134900 and five units high for the model 134800. Additional bracing may be required if heavy objects are stored within the stacked STATNIP® units.

UNPACKING

1. Remove the STATNIP® dessiccator, shelves and gas inlet grounding lug assembly from the carton.

2. Inspect for damage. Report all shipping damage to the carrier immediately. Shipping damages are covered by the carrier and repair and/or replacement for shipping damages must be coordinated through the carrier.

3. Retain all packaging material in the event that the unit must be returned.

4. Completely fill out and return the self-addressed Boekel Warranty Registration card to Boekel Industries, Inc.

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 1/4 inch (.64cm) 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 even 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 the STATNIP® desiccator.

SERVICE: RETURN AUTHORIZATION IS REQUIRED.

1. Should service be required, contact your salesperson or call Boekel Industries Customer Service at 215-396-8200.

SPECIFICATIONS

Model 134800
Size: 21 3/4" (54.2cm) W x 21" (53.3cm) D x 12" (30.5cm) H
Weight: 31 lbs (14 kg)
Internal size: 3.2 cubic ft. (.09 cubic meters)

Model 134900
Size: 21 3/4" (54.2cm) W x 21" (53.3cm) D x 24" (61cm) H
Weight: 60 lbs (27.2 kg)
Internal size: 6.4 cubic ft. (.18 cubic meters)
Shelf Size both models: 19 1/8" (48.6cm) x 18 7/8" (47.9cm)
Ground Lug both models: 1/4" (.64cm) spade connector
Gas Inlet Port both models: 1/4" (.64cm) O.D.; 5/32" (.40cm) I.D.