

STATIC GENERATORS AND GENERATOR BARS

**A low cost method of temporary adhesion—
effective, simple, clean and non-marking**

Electrostatic tools for productivity enhancement

TAKK's 7302 Series Static Generators and 7300 Series Bars give you the advantages of one of the fastest growing developments in electrostatics: The bonding force of positive and negative ions (static electricity) in a wide variety of manufacturing and processing operations. This effective production tool offers you a means of temporarily bonding or holding-in-place various similar or dissimilar materials, without the use of glue, double-sided tape or mechanical strapping devices.

TAKK's Static Generators and Bars are designed, engineered and constructed for powerful precision ion flow, long service life, ease of installation and maintenance, and maximum economy of operation. The series enables you to select from two generator units, **Model 7302-SP positive ion generator** and **Model 7302-SN negative ion generator**; plus four size **Generator Bars, 12", 18", 24" and 36"**. The bars accommodate both the positive and negative generators.



- **BONDS SIMILAR OR DISSIMILAR MATERIALS AND HOLDS MATERIALS IN PLACE**
- **ELIMINATES AIR POCKETS AND WRINKLES IN MULTI-LAYER PRODUCTS**
- **PREVENTS PLASTIC FILMS FROM WANDERING ON REWINDERS OR SHRINKING ON COOLING CYLINDERS**
- **INCREASES PRODUCTION SPEEDS, REDUCES WASTE AND ENHANCES QUALITY**

Visit us at www.takk.com



TAKK INDUSTRIES INCORPORATED

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Static Generator Specifications

MODEL 7302-SP, POSITIVE IONS and MODEL 7302-SN, NEGATIVE IONS

Encased in a durable powder coated steel enclosure, TAKK's Static Generator is available in positive (Model 7302-SP) and negative (Model 7302-SN) output

OUTPUT VOLTAGE:

MODEL 7302-SP adjustable 0 to 30Kv, 1mA, POSITIVE

MODEL 7302-SN adjustable 0 to 30Kv, 1mA, NEGATIVE

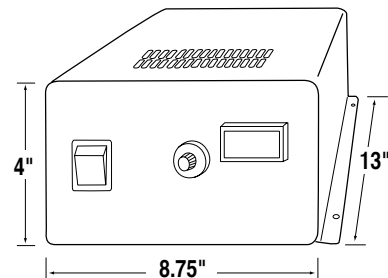
CONTROLS & DISPLAYS: ON/OFF, 0 to 30Kv adjustment, LCD display

DIMENSIONS: L = 8.75" (222 mm), D = 13" (320 mm), H = 4" (102 mm)

ELECTRICAL: 110 V 50/60 Hz or 230 V 50/60 Hz

CONSTRUCTION: Powder coated steel

WEIGHT: 6 lbs (2.72 kg)



Static Generator Bar Specifications

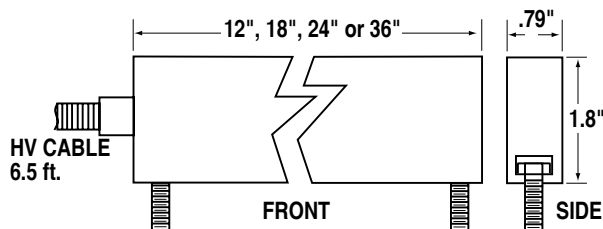
MODEL 7300-012S - 12" length

MODEL 7300-018S - 18" length

MODEL 7300-024S - 24" length

MODEL 7300-036S - 36" length

Constructed of PVC Body, stainless steel emitters, epoxy resin, nylon mounting studs. Connected by HV shielded cable to the output voltage of the static generator.



DIMENSIONS, HEIGHT & WIDTH: H = 1.80" (46 mm), W = 0.79" (20 mm)

DIMENSIONS, LENGTH: 12" (305 mm), 18" (457 mm), 24" (610 mm), 36" (914 mm)

EFFECTIVE LENGTH: 2.5" (63.5 mm) less than overall length

CABLE: 6.5' (1981 mm) of in-line protected HV cable

CONSTRUCTION: PVC body, epoxy resin

EMITTERS: stainless steel

MOUNTING STUDS: MB Nylon, 2.21" (57 mm) from each end

OPERATING RANGE

- The effective operating distance of the Model 7300 Static Generating Bar depends on the application and the material being processed. Plastic sheets and webs are much easier to charge than paper or other semi-conductive materials.
- The typical mounting distance from bar-to-object to be charged is 1½" for 30,000 volts and 1¼" for 15,000-20,000 volts. Start at 2¼" from the object to be charged. This distance can be reduced if required for better effectiveness.
- The 7300 Bar should be mounted straight and parallel with the object to be charged and with the earth ground. This will ensure an even current coverage.

STATIC GENERATOR BAR

**STATIC GENERATOR BAR
BENEFITS A MULTITUDE OF
PRODUCTION OPERATIONS
& APPLICATIONS**

- General manufacturing
- Packaging manufacturing
- Paper/plastic film converting
- In-mold label processing
- Plastic bag manufacturing
- Bindery finishing
- Ribbon-tacking
- Binder or video cassette cases
- Card inserts
- Catalog packaging
- Chill roll edge pinning
on cast film lines
- Dry bonding lamination
- In-mold decorating
- Interleaving
- Roll-to-roll changeover
- Shrink wrapping
- Increase speed of sheeters,
making low basis weight
paper easier to handle
- Binding of protective covering
to metal or wood

COMPLETE TECHNICAL ASSISTANCE • ONE YEAR LIMITED WARRANTY



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