7090 / 7095 STATIC PINNERS

The 7090 and 7095 Static Pinners have been designed for efficient electrostatic charging and pinning of small areas and objects.

The 7090 has a compact tubular design for the smallest areas, while the 7095 is available in three sizes for wider coverage. They can be used in many applications ranging from trim charging, edge pinning, and air-exclusion to IML.

PERFORMANCE

- 7090 and 7095 Static Pinners operate at up to 30 kV, with power from a Fraser IONFIX Compact Generator, or similar.

ESSENTIAL QUALITIES

- All parts completely encapsulated for reliability and safety.
- All models are resistively coupled for spark-free operation. There is a resistor for each emitter on the 7095 models. On the 7090, one emitter serves the three grouped emitters.
- All models have tungsten emitters for a long, trouble-free life.
- The close 5 mm emitter pitch generates an intense and even field for better adhesion.

CONNECTIVITY AND CONTROL

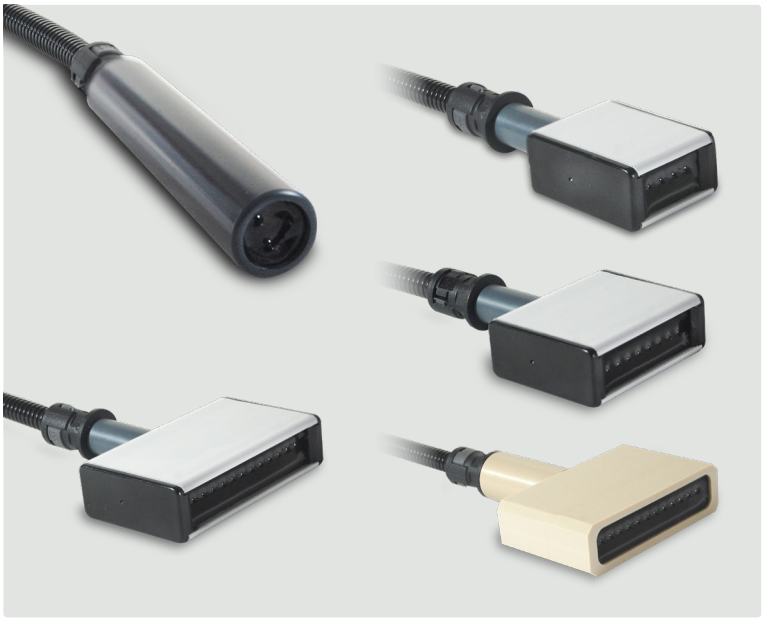
- Used with Fraser IONFIX 30 kV Generators the operator has full control with operational feedback.

APPLICATIONS

- Wide range of electrostatic adhesion applications: interleaving, pinning, labelling, in-mould labelling (IML), wrapping, bagmaking and many others.

OPTIONS

- High temperature version available: 7095-12 HT.



SPECIFICATION

Construction:	All materials used meet UL94 V-0 flammability ratings. 7090 - 3 tungsten emitters. 7095-x tungsten emitters at 5 mm pitch.
Cable:	2 m of HV cable. Longer lengths can be specified at time of order. Cable terminates in HV connector. Protective nylon conduit on cable. Minimum bend diameter 100 mm.
Safety:	100 Mohm resistance for safe operation.
Environmental:	Clean, dry and oil-free location. Temperature 60 °C max.
Generator:	Use with Fraser 30 kV generators. State generator model at time of order.
Certification:	CE.
Options:	7095-12 HT: High temperature version available (100 °C max).

FRASER Anti-Static Techniques

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DIMENSIONS AND CONSTRUCTION

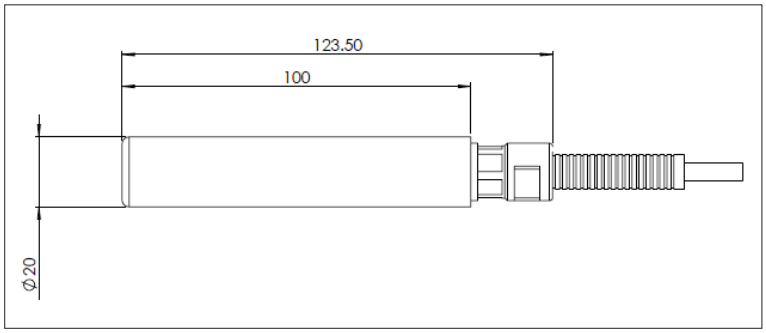
7090

Diameter: 20 mm.

Weight: 110 g.

Tungsten Emitters: 3.

Designed for pin-point charging. 100 Mohm resistance.



7095 Series

Compact static pinners suitable for intense, short applications.

Tungsten emitters at 5 mm pitch, with individual resistance to high voltage on each emitter.

Available in three sizes (see table below).

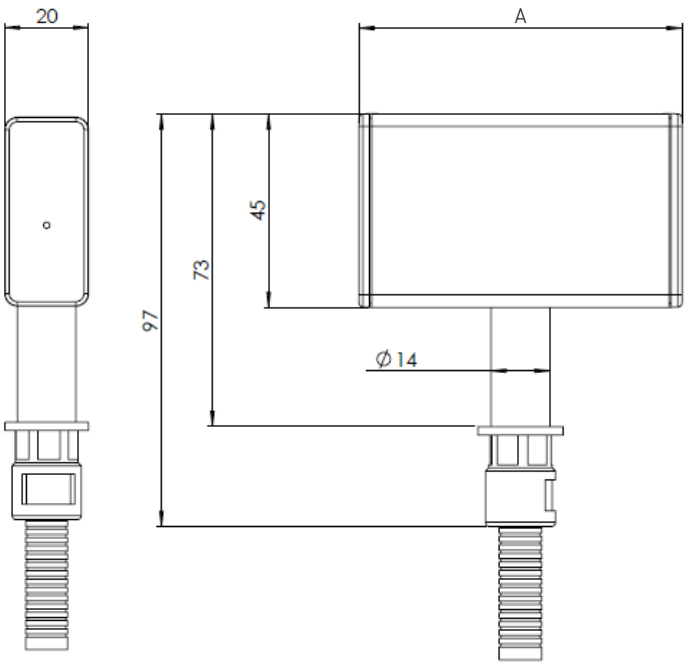
For high temperatures < 100 °C, use the 7095-12 HT.

Operation at up to 30 kV.

Construction	7095-4	7095-8	7095-12	7095-12 HT
Length*	36 mm	56 mm	76 mm	75 mm
Weight	100 g	120 g	140 g	150 g
Tungsten Emitters	4	8	12	12

*Dimension A on drawing.

7095-4 / 7095-8 / 7095-12



7095-12-HT

