

## **Electrostatic DUST PRINT LIFTER:**

For recovering impression evidence like tire-tracks and footprints



The new Electrostatic Dust Print Lifter consists of a high voltage power supply/control unit, a nickel-plated steel ground plane and a metalized lifting medium. Our latest electrostatic lifter uses only one metalized plastic sheet and a metal ground plane. As high voltage is applied to the lifting mat, it takes on a negative charge and the ground plane becomes positive. Any dust present under the mat will take on a positive charge, and will then be attracted to the negatively charged collection mat.

The dust print that is transferred to the lifting mat will appear as a precise mirror image of the original print. The Dust Print Lifter will even lift prints from rough-surfaced floor tile or irregular flooring of any kind.



## The Case for Impression Evidence

One of the most overlooked forms of physical evidence at the crime scene is impression evidence. This is largely due to a lack of specific training in the proper search, collection and preservation of impression evidence.

## The NOT-SO-APPARENT Evidence...

Locating and recovering the obvious kinds of impression evidence like tire tracks and footprints is not the problem. It's the not-so-apparent kinds of impressions that are difficult to locate and can be accidentally damaged or obliterated during the crime scene search. We are talking about dust print impressions.



Lifting a dust print from a vertical

## THAT'S WHERE THE NEW DUST PRINT LIFTER BECOMES MOST USEFUL!



### Specification:

Dust Print Lifter consists of:

- 1 electrostatic voltage control unit
- 1 ground plane, nickeloid steel 4"x6"
- 1 ground plate Polycarbonate insulating sheet, 5"x7"
- 5 lifting foils 24"x36" (pickup mats)
- 1 insulated mat roller
- 1 static discharge cable
- 2 9V-Alkaline batteries, rechargeable
- 1 battery charger 230V/50Hz (optional: 115V/60Hz)
- 2 rolls lifting material (12"x25' / 0.3 x 7.5m)
- 1 cutter

Power Input:

Voltage: 7.5 to 9.5V DC

Current: 260mA max @ 9V full load

High Voltage Output:

Voltage: 0 to 10kV +/-10% (negative)

Current: 0 to 100µA +/-10%

Dimensions:

Carrying case: outside: 50x42x12 cm

inside: 46x34x10 cm

Weight:

approx. 4 kg

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**Projectina AG**  
Dammstrasse 2, Postfach  
CH-9435 Heerbrugg  
Schweiz/Switzerland

Phone +41-71-727 28 00  
Telefax +41-71-727 28 28  
E-mail [projectina@projectina.ch](mailto:projectina@projectina.ch)  
Website: [www.projectina.ch](http://www.projectina.ch)