DOCUSTAT DS-220:
- for visualizing traces of writing impressions

Due to the rather large dimensions of the examination unit (450x440 mm), the Docustat DS-220 system can be used for small and large examination objects. The supplied plastic film, type IW, allows the system to be used for a variety of applications such as: Securing writing impression marks (grooves) on paper-like surfaces.

▪ Simple toner emptying thanks to additional tilting/catching device
▪ Faithful reproduction of the original
▪ Only reacts to latent traces of lettering - visible lettering is ignored
Non-destructive - the document is not contaminated
▪ Simple document preparation with the moistening unit, to increase sensitivity during the electrostatic process
▪ Timer for corona development
▪ Corona voltage setting
▪ Fan - prevents toner particles in the air from flying around

Application example: Print grooves / Copy marks

A threatening letter was addressed to the US Trade Center
in Stockholm. A writing pad with the same form was found in the house of a suspicious person's house.
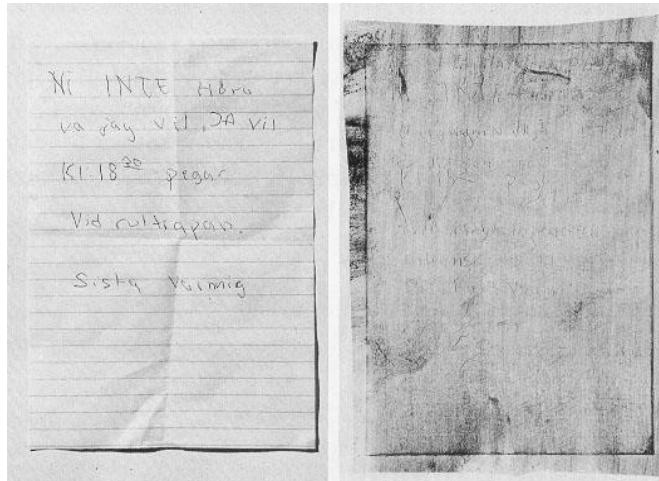With the Docustat system, the print marks could be made
made visible, and thus the suspect could be person could be proven to have written the threatening letter.
could be proven. Depending on how hard the writing pressure is, the 2nd and 3rd sheets of a sheets of a bundle of paper or writing pad. traces can be made visible.
The trace is recorded with the plastic film, type IW, and by charging the corona unit.
The developing powder is then inserted and secured with the transparent adhesive film.

Technical data:
Basic equipment

DOCUSTAT DS-220
Electrostatic system
consisting of:
- Basic unit: 450 x 440 x 210
mm with cascade development and
integrated fan (prevents toner
the toner from flying around),
ON/OFF pump, with connection to
corona unit
- Vacuum plate: 424 x 424 mm
(A3 - interchangeable)
- Suction area inside the vacuum plate
vacuum plate: 350 x 385 mm
- Corona unit with ON/OFF
switch
- Plastic film for
type IW, 1 roll, size 0.4 x 500 m (incl.
roll, size 0.4 x 500 m (incl. cutter)
cutter)
- Transparent adhesive film, 2 packs
24 pieces each, size 25 x 35 cm
- Cascade developer, 1 kg
- Toner with spoon, 1 kg
- Empty tin

Recommended
Accessories/consumables
Drip tray for
Cascade developer
- Transparent adhesive film, size
25 x 35 cm, 24 pieces (A4)
- Transparent adhesive film, size
50 x 35 cm, 24 pieces (A3)
- Plastic film for
imprint marks, type IW, 1 roll, size 0
roll, size 0.4 x 500 m
- Cascade developer, toner

OPTIONS:
- Document humidification unit
- Digital moisture meter
- Toner pads

Weight: Base unit: 21 kg
Power supply: 100 - 240 Volt

Vacuum pump: -800 mbar
High voltage power supply: 2.5 W