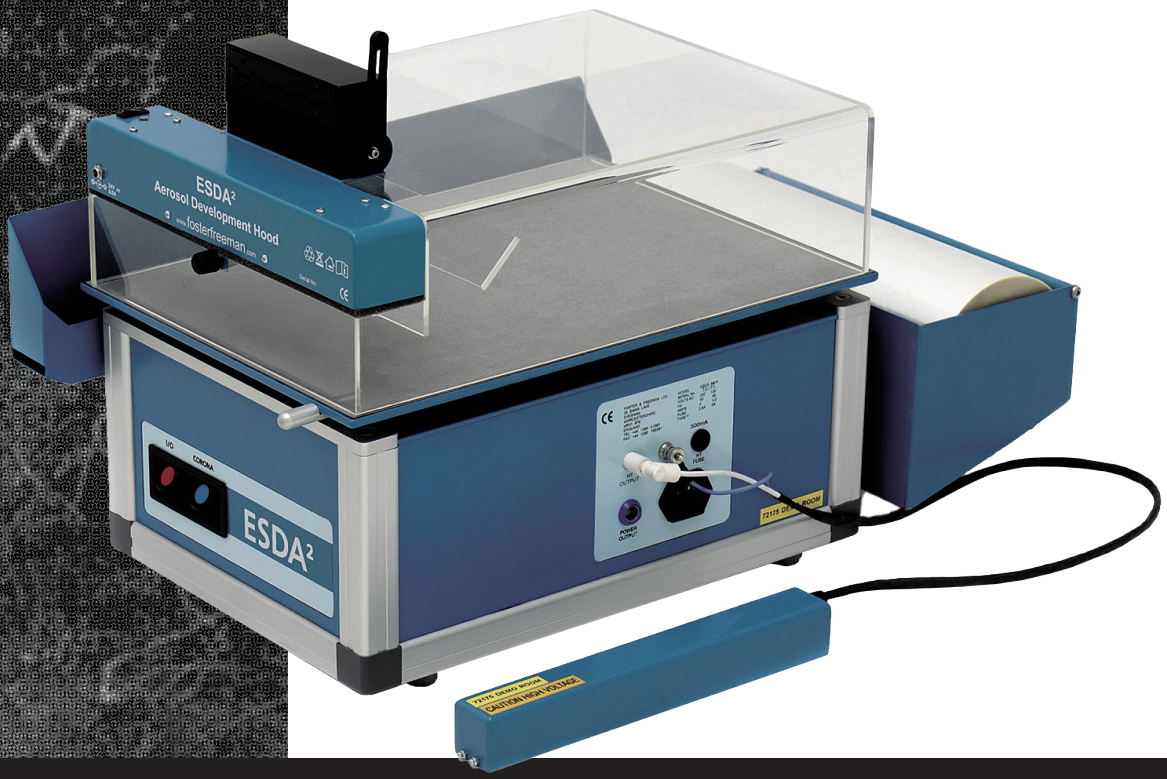
ESDA® 2B

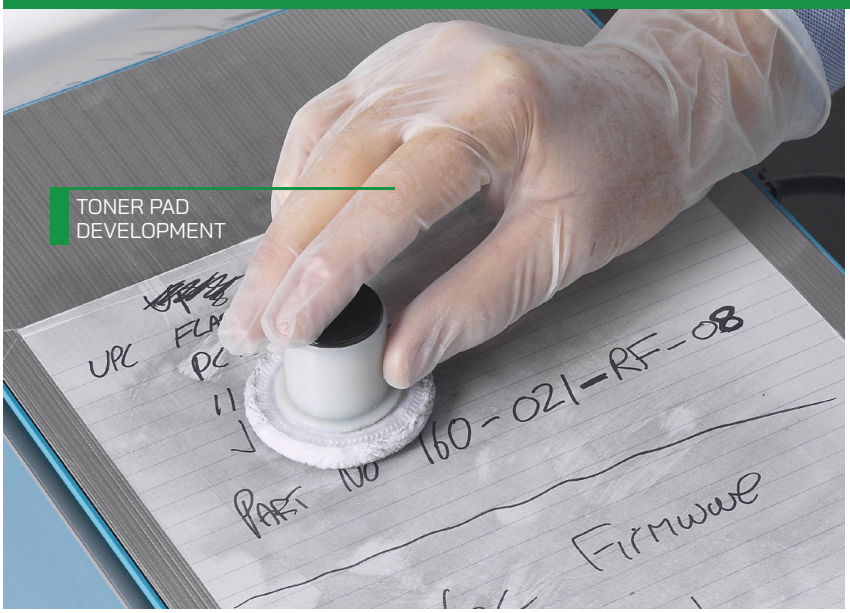
THE INDUSTRY-STANDARD SYSTEM FOR DETECTING INDENTATIONS ON PAPER

- The original document examination system
- Used in forensic laboratories worldwide
- Provided critical evidence in thousands of cases
- Detects indented writing on paper
- Non-destructive technique
- Creates permanent records



foster+freeman®

ESDA® 2B



ESDA 2B is the leading technology for detecting indented writing on questioned documents. ESDA works by creating an invisible electrostatic image of indented writing, which is then visualised by the application of charge sensitive toners. The sensitive imaging process reacts to sites of microscopic damage to fibres at the surface of a document, which have been created by abrasive interaction with overlying surfaces during the act of handwriting.

The ideal forensic tool, ESDA is simple to operate and produces positive, life-size transparencies of indented writing without damage or contamination to original documents and without interference to other forensic tests, and documents may be processed repeatedly without loss of sensitivity.

OUTSTANDING TECHNOLOGY: REFINED DESIGN

The term ESDA is industry standard for the method of revealing indentations or impressions on paper: this is testament to the impact and success of the original foster+freeman ESDA, released in 1978.
Today, the ESDA 2B is refined in design but almost identical in application. With hundreds of units installed by police forces and private document examiners worldwide, it is likely that ESDA techniques will remain the industry standard for years to come.

3 DEVELOPMENT OPTIONS

Alongside the original and trusted cascade development technique, the ESDA 2B is equipped as standard with a toner pad development system, removing the need to handle and recover loose beads while providing greater control over toner concentration and spot-application. Aerosol cloud develolment is also available through an optional transparent hood (pictured on cover), enabling the operator to monitor development for optimum results.

PERFORMANCE & LONGEVITY

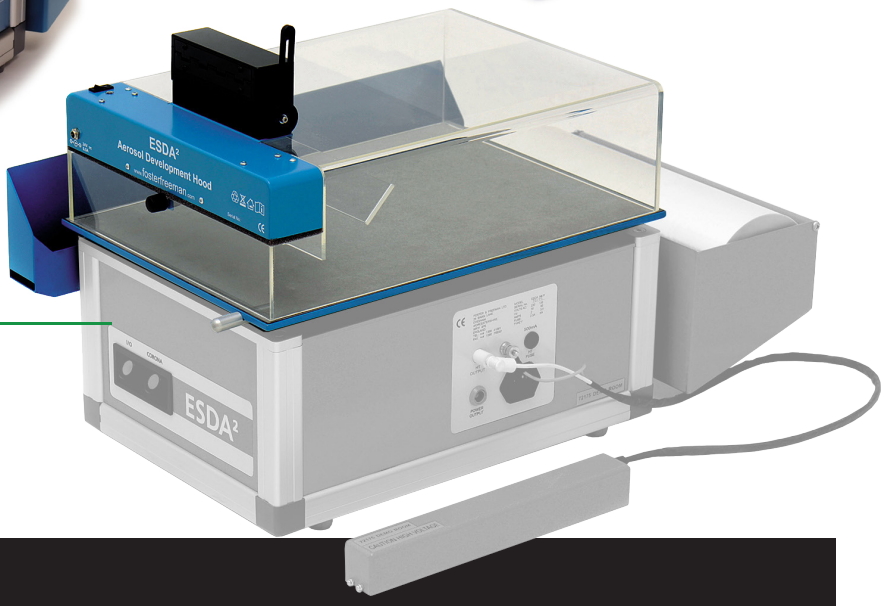
The ESDA 2B features an easily-replacable stainless steel A3 vacuum bed, with powerful extration and filtration to remove airborne toner. Images of indented writing can be made permanent by laminating the developed images with self-adhesive plastic film.

ACCESSORIES

Please contact your local forster+freeman distributor to order ESDA spares, accessories, and consumables.

HUMIDIFIER FOR ESDA 2B
HUMIDIFIER-2B

ESDA 2B CORONA UNIT
CORONA-UNIT-ESDA-2/B



ESDA HOOD ASSEMBLY

CONSUMABLES

TONER

TONER APPLICATION DEVICE (X10)
TAD

ESDA TONER 320gm (INCLUDES NOZZLE)
TONER-2

CASCADE

CASCADE 2 DEVELOPER 250GRMS
CASCADE-2-250GRMS

TYPE S45015 0.4 - 0.6mm 1KG
GLASS-BALLOTINI-BEAD

FIXING FILM

200 SHEETS FIXING FILM 350X500mm 100 MICRON THICK
DOUBLE-FIXING-FILM

200 SHEETS FIXING FILM 250X350mm 100 MICRON THICK
NEW-FIXING-FILM

ESDA IMAGING FILM (INCLUDES HOLDER)
REEL-HOLDER/FILM-2

Ready to find more evidence?
CONTACT US TODAY TO ARRANGE A QUOTE OR DEMONSTRATION

foster+freeman UK
info@fosterfreeman.com
+44 (0)1386 768 050

foster+freeman USA
usoffice@fosterfreeman.com
888 445 5048

foster+freeman EU
de.sales@fosterfreeman.com
+49 (0)210 255 76 525

foster+freeman NL
nl.sales@fosterfreeman.com
+31 (0)6 1114 3858

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