

ESIPROOF MANUAL PROOFER

Esiproof is a precision instrument for producing realistic, high-quality flexographic proofs

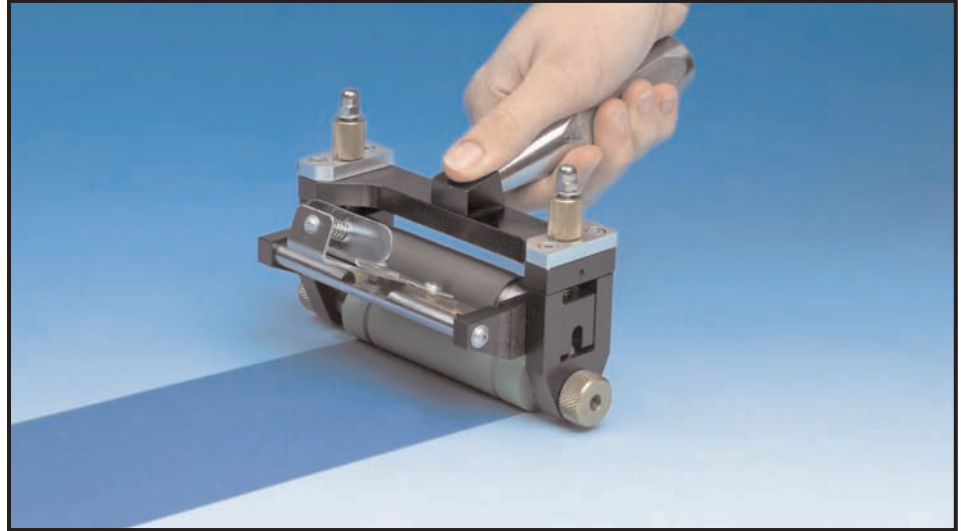
These proofs are then used for the customer's approval of the color and for spectrophotometer readings. Use of a doctor blade enables the proofing of all flexo inks, including high viscosity, UV-curing inks. Its steel and ceramic anilox rollers are readily interchangeable.

Features

- Single screen and double- or triple-banded ceramic anilox rollers available
- All commercial inks and substrates can be accurately proofed
- Compact size makes it ideal for on-site troubleshooting

Operation

The Esiproof consists of a precision-engineered unit into which the anilox roller, EPDM stereo roller and doctor blade are easily positioned. The substrate to be proofed is then placed on a flat, hard surface. With a pipette, a few drops of ink are dropped into the ink reservoir which is formed by the doctor blade. The unit is then pulled over the substrate to produce a proof. Proofs up to 1 meter long and 70mm wide can be made.



Esiproof with Springs on Both Ends

Anilox Rollers

The following charts show a selection of the screen sizes and volumes that are available:

Steel, mechanically engraved, chrome-plated rollers

Reference ESI.11

Cells/ linear inch	Cells/ linear cm	Depth in microns	Volume* cm ³ /m ²	Tool Reference
400	150	18	4.3	6
360	140	23	5.0	4
300	120	25	6.0	40
260	100	25	6.5	41
200	80	33	10.2	12
180	70	46	16.6	14
140	55	66	20.2	10
100	40	130	39.1	18

Ceramic, laser-engraved rollers

Reference ESI.12

Cells/ linear inch	Cells/ linear cm	Depth in microns	Volume* cm ³ /m ²
800	315	6	2
700	315	9	3
600	214	12	4
500	200	14	5
400	160	18	6
300	120	20	7
200	80	35	13
140	55	48	18

**To calculate the volume in cbm/in², multiply the above volume (cm³/m²) by .65*