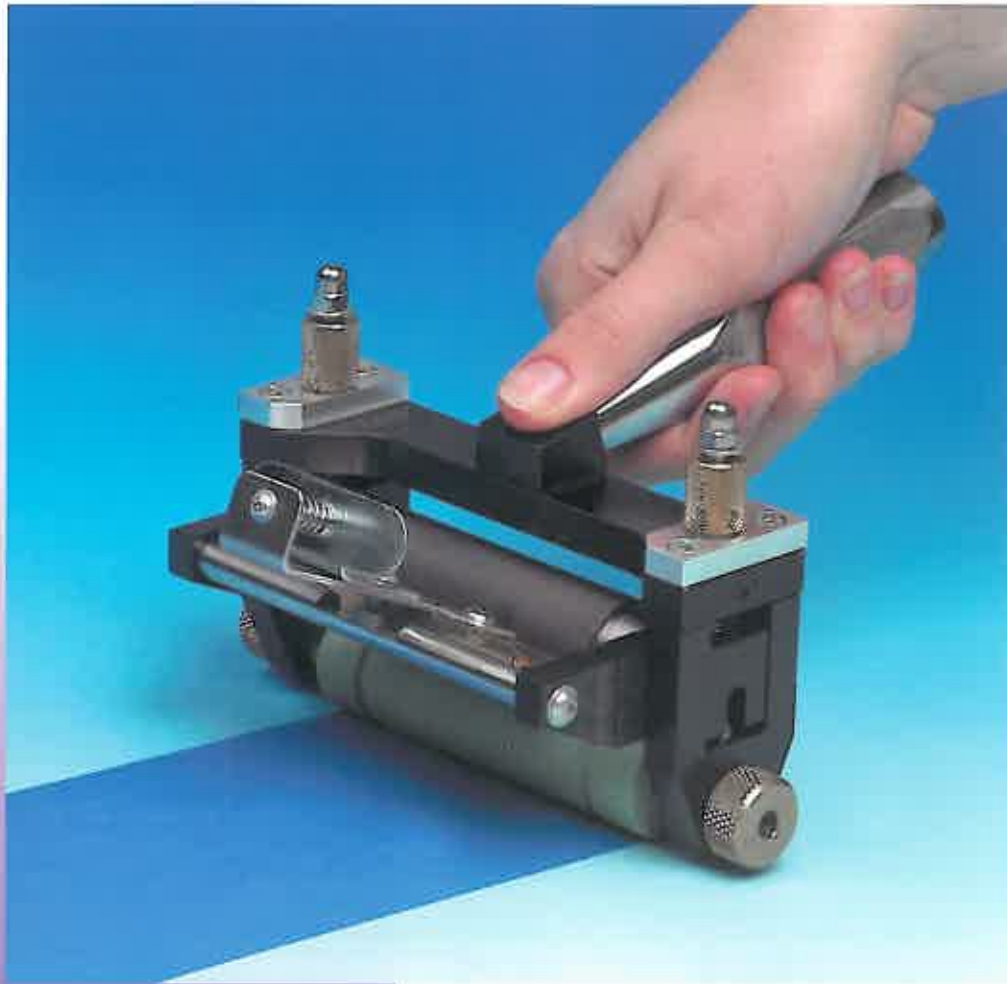


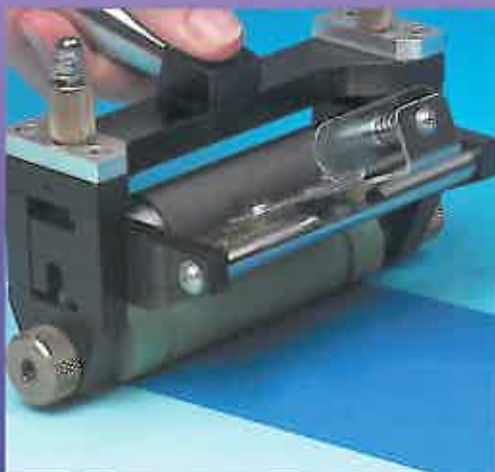
The first name in sample
preparation equipment



E S I P R O O F



Above: ESI proof
Below: Detail of ESI proof roller



This is a precision instrument for producing realistic, high quality flexographic proofs. Applications include colour proofing for both customer approval and spectrophotometer readings. Use of a doctor blade enables the proofing of all flexo inks, including high viscosity, UV curing. Both steel and ceramic anilox rollers are easily interchangeable.

MAIN FEATURES

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

The first name in sample preparation equipment

R K E S I P R O O F

OPERATION

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

ANILOX ROLLERS

The following charts give a selection of the screen sizes and approximate volumes available.

Steel, mechanically engraved (QCH type screen) and chrome plated. Product code ESI.11

Cells per linear Inch	Cells per linear cm	Depth Microns	Volume* cm ³ /m ²	Tool Ref. No.
400	160	18	4.3	5
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.

Product code ESI.12

Cells per linear Inch	Cells per linear cm	Depth Microns	Volume* cm ³ /m ²
800	315	6	2
700	275	9	3
600	240	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 0.65



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