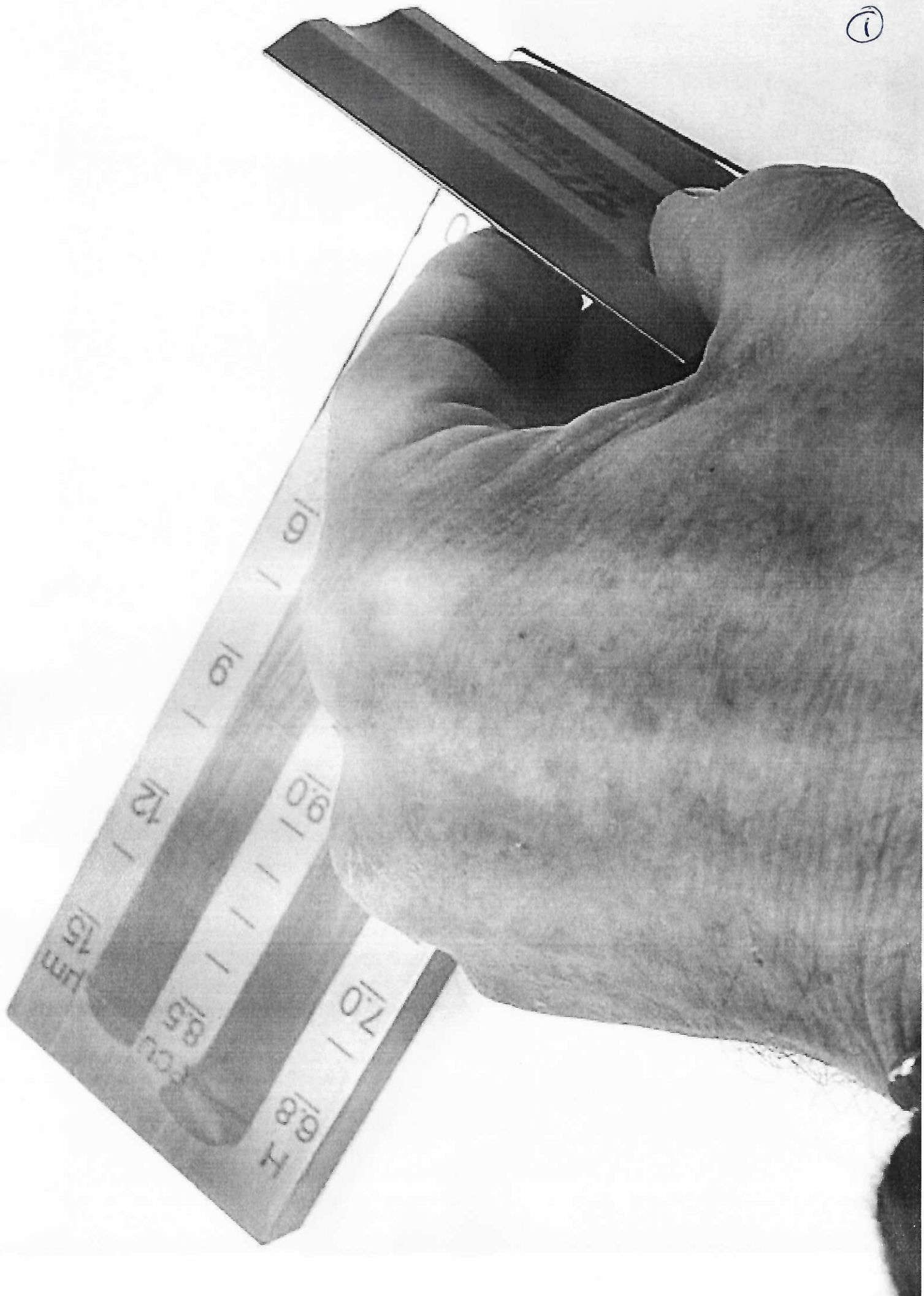
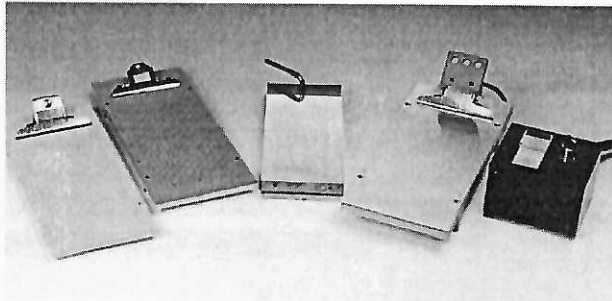


①



K CONTROL COATER

K PAINT APPLICATOR



SPECIAL PURPOSE COATING BEDS

Specialised coating beds are available to ensure the best possible results for particular applications.

Each is suggested for different types of substrate.

SPECIFICATION

| | K101 | K202 |
|-----------|---|------|
| Weight | 28kg | 30kg |
| Footprint | All 400 x 450mm | |
| Rating | 220 - 240V or 100 - 120V 50/60Hz Pneumatic version: 5.5 bar (80 psi) | |

VACUUM BEDS

TYPE A

Recommended when coating on to a delicate or stretchy substrates such as aluminium foil or polythene. This is a rubber faced bed connected to a vacuum pump which holds the material perfectly flat. Vacuum is applied from the edges of the substrate only.

TYPE B

A smooth aluminium faced bed with vacuum applied via multiple holes over the entire substrate surface. This is suitable for more rigid substrates, and especially recommended when coating on to paint charts with gap applicators.

MAGNETIC BED

For use when coating on to a magnetic substrate such as tin plate, to ensure a totally flat surface. Permanent magnets are used, which are operated by an on/off key.

HEATED BED

Specialised for applying coatings which require heating. Examples include hot melts and electrographic inks. The bed has a smooth aluminium face which can be heated up to 150 degrees and is set by a digital temperature controller. A heated bed is available for the K101 model only.

GLASS BED

This provides a perfectly flat surface which is very easily cleaned. It is especially recommended for gap applicators which provide a hard surface.



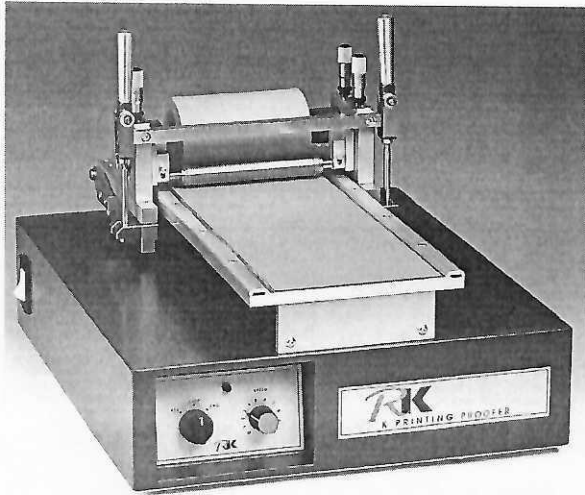
RK PrintCoat Instruments Ltd.

Litlington, Royston, Hertfordshire, SG8 0QZ
United Kingdom

Tel: +44(0)1763 852187

E-mail: sales@rkprint.com

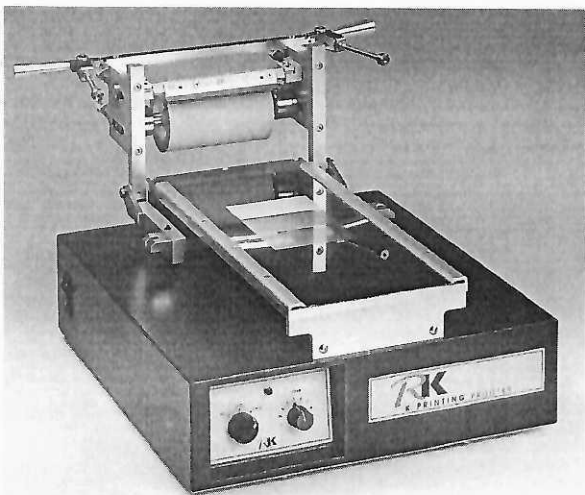
K PRINTING PROOFER



LAMINATING

Both wet and dry laminated samples can be produced on the machine using the gravure head with K-Lam laminating accessories. This includes a rubber covered bed using a K-Lam bar to apply adhesive. Adhesive is applied in front of the bar and the machine then coats and laminates in one operation.

Dry laminating is carried out in two phases. The adhesive is coated onto one substrate and after evaporation of the solvent, the second substrate is subsequently laminated to it.



CLEANING

The essential job of cleaning various machine components following each proofing run has been simplified by careful design. The illustration (left) shows the machine fitted with a gravure head pivoted back to the cleaning position. It can be seen that the printing plate, rollers and doctor blade are all exposed and easily accessible.

ORDERING DETAILS

The K Printing Proofer is available in various complete systems. Accessories include proofing paper having one gloss and one matt side in packs of 500 sheets, spare doctor blades (5 pack) and disposable plastic 3ml pipettes (100 pack).

Detailed on page four are the electronically engraved standard design printing plates.

SPECIFICATION

| | |
|-----------|--|
| Footprint | 400 x 450mm |
| Weight | From 21 Kgs |
| Rating | 220 - 240V or 100 - 120V 50/60Hz Pneumatic version: 5.5 bar (80psi) |

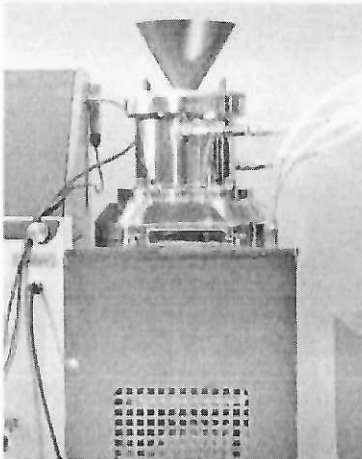
LABSTAR Laboratory Agitator Bead Mill

Handling &

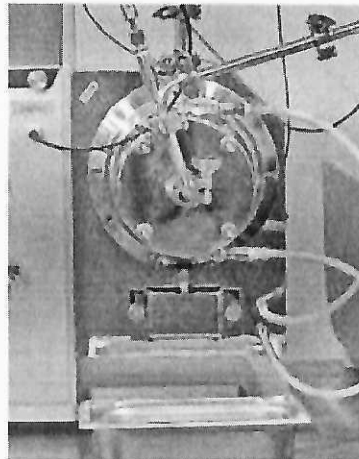
Very easy Handling without the Loss of Grinding Media

The grinding chamber of the *LABSTAR* laboratory machine can be swiveled. In the „Prepare“ position, different grinding systems can be coupled with the machine platform quickly and easily. The grinding media are simply filled from above into the process chamber. In the operating position, we guarantee a homogeneous distribution of grinding media in the grinding container. At the right angle of inclination, the service position allows the uncomplicated and residue-free discharge of the agitator bead mill. Screw connections allow quick disassembly of all components for cleaning.

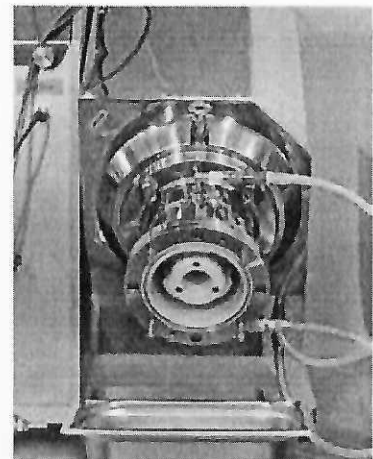
FILL POSITION
Preparation



OPERATING POSITION
Grinding & Sampling



SERVICE POSITION
Emptying & Cleaning



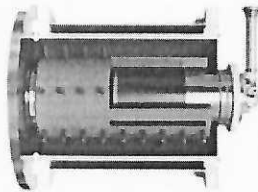


LABSTAR Laboratory Agitator Bead Mill Equipment

Grinding Systems

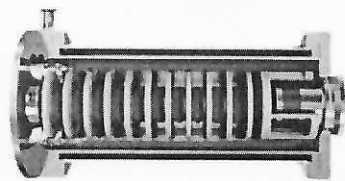
The LABSTAR leaves nothing to be desired in terms of application possibilities. All of the familiar grinding systems can be mounted on the LABSTAR.

ZETA® System



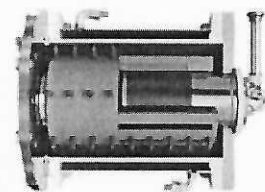
The ZETA® circulation system, patented in 1991, was specially developed for recirculation grinding. The ZETA® grinding system is available in various materials such as NETZSCH-CERAM Z, NETZSCH-CERAM N or NETZSCH-CERAM C or NElast. The grinding system is designed such that very flexible grinding media sizes between 0.1 mm and 2.0 mm can be used.

Discus System



The advanced disk grinding system DISCUS is primarily used for dispersion tasks in single and multi-pass operation with grinding media sizes between 0.3 mm and 2.4 mm. It is a logical advancement of the TriNEX® grinding system.

Neos® System



The Neos® grinding system is a horizontal peg grinding system for grinding temperature-sensitive systems with very small grinding media at extremely high product throughput rates in circulation mode. Based on the proven ZETA® grinding system, it was specially designed for reliable use of very small grinding media between 0.1 mm and 0.8 mm.



Model #: nighxrbxy

eXact Advanc

Spectro for Ink, Print

- For ink room, quality packaging facilities
- Evaluates ink and paper after print production
- Analyzes substrates with Brightener Index Func

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9

Specifications

| 20° Gloss | | | |
|------------------|----------------|-----------|--|
| Range (GU) | 0-100 | 100-2000 | |
| Repeatability | 0.2 (GU) | 0.2% | |
| Reproducibility | 0.5 (GU) | 0.5%* | |
| Resolution (GU) | 0.1 | | |
| Measurement Area | 6.0 x 6.4 (mm) | | |
| Standards | ISO 2813 | ASTM D523 | ISO 7668 ASTM D2457 IN 67530 JIS Z 8741 |

Recommended product

- Novo-Gloss Trio
- Novo-Gloss 20/60/85 with Haze

| 45° Gloss | | |
|------------------|------------------|-----------|
| Range (GU) | 0-60 | 60-1000 |
| Repeatability | 0.2 (GU) | 0.2% |
| Reproducibility | 0.5 (GU) | 0.5%* |
| Resolution (GU) | 0.1 | |
| Measurement Area | 8 x 12mm ellipse | |
| Standards | ASTM D2457 | ASTM C346 |

Recommended product

- Novo-Gloss 45

| 60° Gloss | | | |
|------------------|-----------------|-----------|--|
| Range (GU) | 0-10 | 10-100 | 100-1000 |
| Repeatability | 0.1 (GU) | 0.2 (GU) | 0.2% |
| Reproducibility | 0.2 (GU) | 0.5 (GU) | 0.5%* |
| Resolution (GU) | 0.1 | | |
| Measurement Area | 6.0 x 12.0 (mm) | | |
| Standards | ISO 2813 | ASTM D523 | ISO 7668 ASTM D2457 IN 67530 JIS Z 8741 |

Recommended product

- Novo-Gloss 60
- Novo-Gloss Trio
- Novo-Gloss 20/60/85 with Haze

| 85° Gloss | | |
|------------------|-----------------|--|
| Range (GU) | 0-100 | 100-199 |
| Repeatability | 0.2 (GU) | 0.2% |
| Reproducibility | 0.5 (GU) | 0.5%* |
| Resolution (GU) | 0.1 | |
| Measurement Area | 4.4 x 44.0 (mm) | |
| Standards | ISO 2813 | ASTM D523 ISO 7668 ASTM D2457 IN 67530 JIS Z 8741 |

Recommended product

- Novo-Gloss Trio
- Novo-Gloss 20/60/85 with Haze

| Haze | |
|--------------------------|----------------------|
| Range (Log HU) | 0-500 |
| Repeatability (Log HU) | 1 |
| Reproducibility (Log HU) | 10 |
| Resolution | 0.1 |
| Measurement Area | 6.0 x 6.4 (mm) |
| Standards | ASTM E430 ASTM D4039 |

Recommended product

- Novo-Gloss 20/60/85 with Haze

* A mirror gloss calibration standard is required to achieve this reproducibility