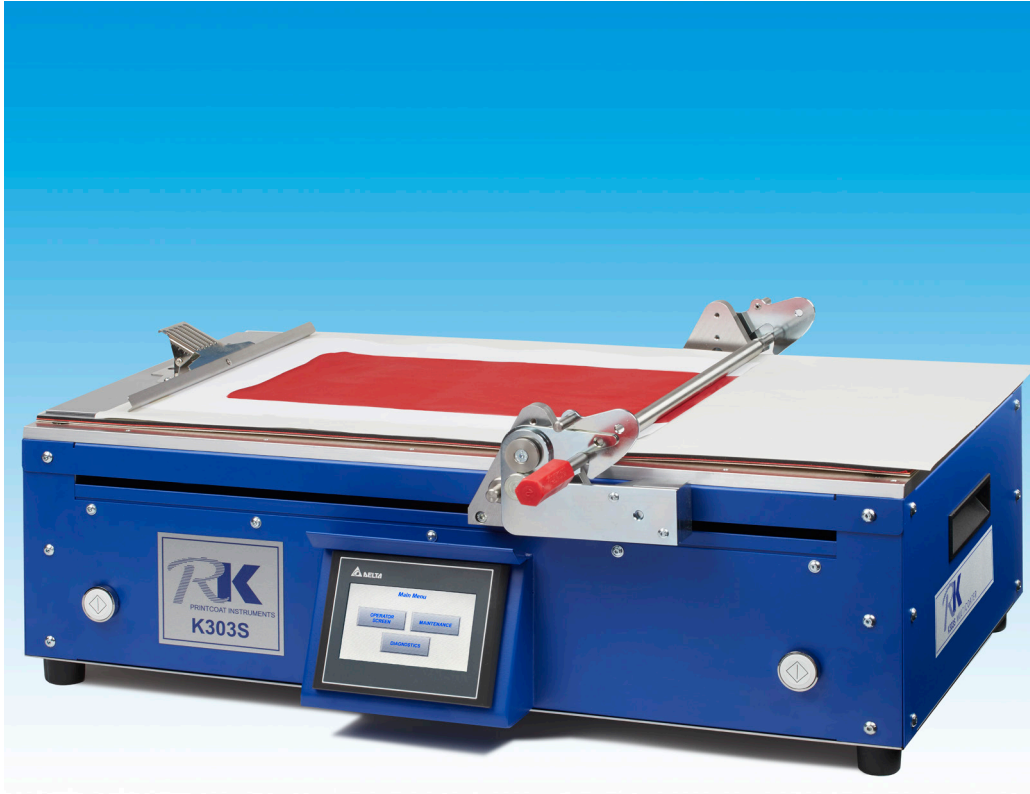


# K303S MULTICOATER



Above: K303S Multicoater (Meter Bar Coating Head)

## STANDARD BAR INFORMATION FOR METER BAR COATING



BAR No.	Colour Code	Wire Diameter		Wet film Deposit
		Inch	MM	Micron
0	White	0.002	0.05	4
1	Yellow	0.003	0.08	6
2	Red	0.006	0.15	12
3	Green	0.012	0.30	24
4	Black	0.020	0.51	40
5	Horn	0.025	0.64	50
6	Orange	0.030	0.76	60
7	Brown	0.040	1.02	80
8	Blue	0.050	1.27	100
9	Tan	0.060	1.52	120

Please refer to our **K Control Coater** leaflet for more details of alternative bar sizes

The K303S enables accurate and reproducible prints and coatings to be made using a wide range of products, and many different substrates. The heads detailed are fully and easily interchangeable, providing Gravure and Flexo Printing and Meter Bar coating, giving exceptionally accurate surface coatings and laminations. The smallest differences in products can be detected by applying multiple samples adjacent to each other.

## MAIN FEATURES

- Re-designed in 2022, base unit includes fully integrated servo drive and touch screen control
- Easily repeatable samples
- Interchangeable heads
- Multiple coatings simultaneously for comparison
- Maximum coating area 350 x 440mm (meter bar coating head)
- Coating speed 1 - 40m/min



REPEATABLE  
SAMPLES



RESEARCH +  
DEVELOPMENT



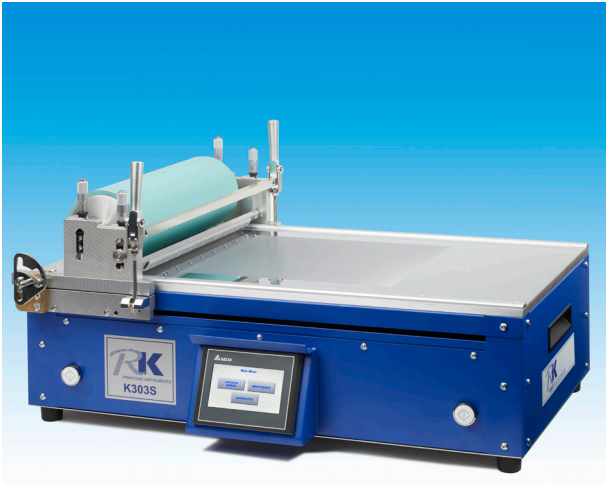
QUALITY  
CONTROL



GLOBAL  
SUPPORT

# K303S MULTICOATER

## GRAVURE PRINTING HEAD



K303S Gravure Proofer is used in laboratories for quality control on all conventional ink/substrate combinations for colour, printability, adhesion, etc.

## FLEXO PRINTING HEAD



Utilises doctored anilox Flexo plates from which the ink is transferred via the plate roller onto the substrate. Photopolymer or rubber plates are made to your own design, including for instance company logo/address.

Very fine pressure adjustments can be made to obtain a perfect print on most substrates by the use of micrometers. This also means that settings for any particular substrate can be recorded.

### Typical design printing plates

Printing area 290 x 290mm maximum

#### A. Solid Area Plate

100 lines/inch (40 lines/cm) Density: 100%

150 lines/inch (60 lines/cm) Density: 100%

200 lines/inch (80 lines/cm) Density: 60%

#### B. Single 3 Wedge Plate

150 lines/inch (60 lines/cm)

Densities: 100-80-60%

#### C. 1 + 4 Wedge Plate

150 lines/inch (60 lines/cm)

Densities: Half area 90% and adjacent step wedges

100-90-80-70%

#### D. Double 8 Wedge Plate

150 lines/inch (60 lines/cm)

Densities: 100-95-90-85-80-75-70-60%

300 lines/inch (118 lines/cm)

Densities: 100-95-90-85-80-75-70-60%

150 & 300 lines/inch

Equivalent flexo anilox volumes 19 – 4cm<sup>3</sup>/m<sup>2</sup>

when printed by gravure

Densities: 100-95-90-85-80-75-70-65-60%

#### E. Gravure Utility Plate

175 lines/inch (70 lines/cm)

Column 1: Solid area, density 100%

Column 2: Densities 100-90-80-70-60-50-40-30-20-10%

Column 3: Vignette 100-0%

## SPECIFICATION

Footprint:	700 x 500mm
Weight:	From 28kgs
Rating:	220 - 240V 50/60Hz 4A or 110 - 120V 50/60Hz 8A



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