KRK KUMAGAI RIKI KOGYO

Compound Printability Tester

Model No. 2277

Because of diversified life cultures, requirements for printing have also diversified, with trends toward higher quality, higher speed and labor saving. To meet the needs for higher printing technology, development of multiple purpose testers is desired. This is a universal printability tester capable of managing gravure (direct and offset) printing, flexographic and form printing, and it can perform hot-melt coating as well. This compact machine, developed based on the gravure printability tester, can perform various types of printing by combining various components, ensuring high reproducibility and ease of operation.

Specifications

Types of Printing:	1. direct gravure printing 2. offset gravure printing 3. flexographic printing 4. form printing 5. hot-melt coating (example, back carbon)
Printing Method:	sheet-fed press
Printing Speed:	about 10 to 100m/min. (Within 60m/min. except for direct gravure printing)
Printing Speed meter:	digital display, circumferential speed directly readable
Printing Pressure:	impression cylinder to plate roll or rubber roll 10 to 50N/cm and 50 to 500N/cm anilox roll or gravure roll to plate roll 40 to 240N/cm
Roll Interval:	between fountain rolls or gravure rolls 0 to 1mm
Printing Size:	35mm wide, 280mm long
Roll Composition:	(1) compression cylinder: rubber (to be selected depending upon solvent used) hardness 80 to 85° (2) plate roll (for form printing): iron core diameter 176mm, 2mm thick, rubber sheet applied (3) Rubber roll (offset gravure): hardness 75° + 2° rubber (to be selected depending upon solvent used) (4) Gravure roll: HelioKlichograph (5) anilox roll: various endless specifications available (example) grate type 130 cells/inch (65 cells/inch) 0.075mm (0.150mm) deep (6) Fountain roll: hardness 50° to 60° rubber (to be selected depending upon solvent used)
Ink Vat:	direct gravure, offset gravure, form printing
Doctor:	contact pressure and angle adjustable
Power Source:	three-phase 200/220VAC 50/60Hz 3A
Outer Dimensions:	1100 x 660 x 1380mm
Instrument Weight:	360kg