

Flexographic Printability Tester

Model No. 2275

This tester has been developed based on the gravure printability tester, for readily evaluating the flexographic printability of paperboard, liner and plastics. Need for flexographic printing has been ever more increasing, along with needs for more rational and cost-effective packaging today. Unlike the heliogravure, the flexographic printing is a type of letterpress printing with the rubber cylinder in contact with the impression cylinder at a low pressure. This tester is composed of plate cylinder, impression cylinder, anilox roll, ink roll and ink vat. The ink sent from the ink roll in the ink vat is adjusted in supply amount by setting the interval between ink roll and anilox roll, so that an adequate amount of ink is applied to the plate and transferred onto the printing sheet. This tester is provided with a mechanism for correcting the difference in circumferential speed due to a small difference in diameter of plate cylinder and impression cylinder and anilox roll, thereby preventing roll slip.

Specifications

Plate Cylinder:	180mm in diameter, 350mm long, 30mm Wide
Half-tone Block:	screen ruling 30, 40, 50, 60
Impression Cylinder:	180mm in diameter, rubber hardness 80°
Ink Roll:	180mm in diameter
Anilox Roll:	180mm in diameter Minimum adjustment increment of interval
Between Ink Roll and Anilox Roll:	0.01 mm
Printing Speed:	0.23 to 2.0m/sec
Printing Pressure:	20 to 1000N/cm
Printing Speed Display:	digital, circumferential speed directly readable
Speed Ratio:	1 (plate cylinder): 1 (impression cylinder): 1 (anilox roll): 1.25 (ink roll)
Power Source:	three-phase 200/220VAC 50/60Hz 3A
Outer Dimensions:	890 x 700 x 850mm
Weight:	290kg



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