

UEC Printbility Tester

For laboratory testing of paper and ink in simulate actual condition as in printing. The equipment is designed to determine the accurate simulation of offset letter press printing, flexo and gravure printing on laboratory scale. This unit tests the paper surface strength abrasion and dry pick. Electrically driven with two printing disc, variable interval timer, variable speed and variable printing pressures printing format 50x270mm.

The tester is useful for making numerous tests on different substrates and inks in quality control and conform on TAPP T-514

The test strips made with the tester is suitable for measuring colour with colour measuring systems, colour matching systems, visual appraisal, density measurements, determination of coverage, scratch resistance, wear resistanc,e flexibility, adhesion and gloss, ink tranfer, light fastness and resistance to chemicals, testing of print quality, picking, wet pick and wet repellace, roughnes, print penetration, set off, striking through, mottle, loose and weakly bound paper particles



TECHNICAL SPECIFICATION

Type	Twin shaft type for two printing disc simulating two color printing
Printing Format	50x270 mm
Speed is adjustable with Two speed types	
Constant	0.2 to 5 m/s
Increasing	0.5 to 7 m/s
Printing Force	Adjustable 0 to 1000 N
Interval Timer	Adjustable Between 0.014 to 10 Sec
Drive	Electrically motor drive
Power	440 V-50 Hz for print unit
Inking unit area	1200 dq. cm with two aluminium drums
Top roller	Made of polyurethane for conventional inks Made of Rubber for UV curing inks
Power Supply	Electrically motor drive 220 V, Phase I, 50 Hz
Shipping Data	Ordering Data
Net Weight	Model No
Gross weight	Voltage
Dimension	Frequency

