

Confirms to BS - 3110

Scuff Tester / PATRA Rub Tester

This equipment is intended to evaluate the Rub Proofness of prints on paper or board. It can also be used to measure / evaluate Colour Transfer from printed / coated surface during rubbing. The application can be extended for measurement of abrasion resistance of some Plastic materials / Aluminum Foils.

Principle :

In this machine, 2 samples of the same substrate are rubbed against each other in the same plane, under a constant pressure of 2 - 4 p.s.i and at a fixed speed of 60 RPM. The number of rubs are recorded using a non-contact type digital counter.

Inference :

This machine works as a great comparator of the variations in print quality between various batches or various suppliers

Higher Rub Resistance = better print quality.

Lower Rub Resistance = poor print quality.

Design specifics :

- The highest degree of parallelity of disc samples.
- Accurate R.P.M. of rotating disks assured by High torque Step Synchronous motors
- Very Low power consumption (Less than 100w).
- No Gearbox. Hence, No Maintenance.
- Compact but Sturdy Design.
- Very Low Noise Level.
- User - Friendly Electronic Controls.
- Non - Contact Type Sensor for Rub Counter makes it maintenance free.



Model : VX2 / VX4

Base Weight	:	2856 grams.	Equivalent to 2 psi rubbing pressure.
Addon Weights	:	714 grams.	Equivalent to 0.5 psi rubbing pressure.
		1428 grams.	Equivalent to 1 psi rubbing pressure.
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Models Available :

Model VX2 with 2 psi rubbing pressure (fixed).

Model VX4 with 2 psi rubbing pressure with addon weights for aggressive testing upto 4 psi.

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