

**Specification of Spray Rating Tester Machine**

S. N.	Parameters	Specification	Remarks
1	Purpose	To determine the surface wetting resistance of fabrics	
2	Material	Stainless Steel	
3	Glass Funnel	Minimum Dia 150mm X 150mm	
4	Specimen gradient	$45^{\circ} \pm 1^{\circ}$	
5	Distance Between nozzle and centre of specimen	150 mm $\pm$ 5 mm	
6	Nozzles	Minimum 19 holes of 0.9 mm $\pm$ 10% Diameter	
7	Diameter of specimen holder	150 mm $\pm$ 5 mm	
8	Standard Configuration	Machine: 1set	
		Specimen Holder: 1 Set	
		500ml Funnel: 1set	
		Water collecting Tray: 1pcs	
9	Accessories	AATCC Spray Test rating chart	
		Measuring Cup: 250ml	
10	Manuals	Catalogue and product Manual	
11	Standards	ISO/AATCC or Equivalent	
12	Warranty	Minimum 3 years/provided by OEM whichever is greater	

**Specification of Fully Automatic Washing Shrinkage Tester**

S. N.	Parameters	Specification	Remarks
1	Purpose	For assessing the Shrinkage of Knitted and woven fabric	
2	Features	MCU Program controller, should have built in ten sets of washing program	
		Low vibration and noise	
		Should have variable frequency motor, switch smoothly between high speed and low speed, low temperature increment of motor.	
		Should have blue fluorescence LCD display, test state dynamic icon shows, easier to catch the eye and operation convenience.	
		Non touch capacitance water level meter to measure accurate and reliable water level	
		Fully stainless steel inside and outside	
3	Type	Front-loading, horizontal tumbling-drum	
4	Inner drum Diameter	515 $\pm$ 5mm	

*(Handwritten signatures and initials)*

5	Inner drum depth	335±5mm	
6	Interval between inner and outer Drum	28±1mm	
7	Number of Lifter	Minimum 3	
8	Lifter Height	Minimum 50 mm	
9	Drum speed	Wash: Minimum 50 rpm	
		Dehydration: Minimum 800±20 rpm	
		Speed adjustable, digital settle	
10	Heating power	Minimum 5 kw	
11	Load capacity	Minimum 5kg	
12	Power supply	AC220v,50Hz	
13	Accessories	Shrinkage ruler	
14	Manuals	Catalogue and product Manual	
15	Standards	ISO/AATCC or Equivalent	
16	Warranty	Minimum 1 year/provided by OEM whichever is greater	

### Specification of Precision Tumble Dryer

S. N.	Parameters	Specification	Remarks
3	Drying Mode	Front-loading ,horizontal rotating cage	
4	Temperature range	Minimum Room Temperature to 80 <sup>o</sup> , Settable	
5	Timing range	Minimum 0-150min	
6	Drum diameter	580mm ± 10 mm	
8	Drum Volume	Minimum 100 L	
9	Rotating speed	50±3 rpm	
10	Number of lifter	3 pcs	
11	Rated capacity	Minimum 6 kg (dry)	
12	Heating Power	Minimum 2450 Watt for Rapid heat and Minimum 1450 w for slow heat	
14	Power	AC 220v 50Hz	
15	Manuals	Catalogue and product Manual	
16	Standards	ISO/AATCC or Equivalent	
17	Warranty	Minimum 1 year/provided by OEM whichever is greater	

### Specification of Crease recovery Tester Machine

S. N.	Parameters	Specification	Remarks
1	Purpose	To determine the recovery properties of fabrics against Creasing	
2	Operation	Digital	
3	Working Pattern	Micro-Processor	
4	Measuring mode	Fast elastic 15 sec ±1sec and slow elastic 5min ± 5sec	

5	Pressure loading	10 +/-0.05 N	
6	Loading area	Minimum 18 x 15mm	
7	Working Station	Minimum 10	
8	Power	220 V, 50 Hz	
9	Accessories	All necessary Accessories for the full function of machine	
10	Manuals	Catalogue and product Manual	
11	Standards	ISO/AATCC or Equivalent	
12	Warranty	Minimum 1 year/provided by OEM whichever is greater	

**Specification of Automatic Yarn Count Tester Machine**

S. N.	Parameters	Specification	Remarks
1	Purpose	To determine the Yarn count of Fabric	
2	Operation	By Computer	
3	Power Supply	AC220V , 50Hz	
4	Measuring Range of Balance	Minimum 200g	
5	Readability of balance	Maximum 0.001g	
6	Tolerance of balance	±0.002g	
7	Diameter of Tray on Balance	90 mm to 100 mm	
8	Units	Fabrics weight, -g, oz,lb and Yarn count, - Nm,Denier,tex	
9	Manuals	Catalogue and product Manual	
10	Standards	ISO/AATCC or Equivalent	
11	Warranty	Minimum 1 year/provided by OEM whichever is greater	

**Specification of Pantone Book**

S. N.	Parameters	Specification	Remarks
1	Colour	Minimum 2,100 TPX Colours	
2	Features	Colors should be chromatically arranged in color families for fast and easy inspiration and color look-up	
		Colors should be numerically referenced and named in English	
		Should be used six-digit PANTONE code	

**Specification of 2Kg/0.1g Professional Digital Pocket Scale**

S. N.	Parameters	Specification	Remarks
1	Capacity	2 kg to 3 kg	
2	Resolution	Maximum 0.1 gram	
3	Weighing Mode	g/oz/gn	
4	Accuracy	Maximum ± 1 gram	
5	Power Supply	Battery Operated	

6	Platform Dimension	Minimum 8" x 8"	
7	Features	High-precision strain gauge sensor	
		Standard weight auto calibration	
		Auto zero and auto off (after 60 second of inactivity) functions	
		Bright-blue backlit LCD display	
		Stainless steel platform	
		Keys: ON/OFF, MODE, TARE	
8	Manuals	Catalogue and product Manual	
9	Standards	ISO or Equivalent	
10	Warranty	Minimum 1 year/provided by OEM whichever is greater	





