

**checkMASTER IR™**  
 (Fabric Inspection-cum-Rolling Machine)

**INTRODUCTION**

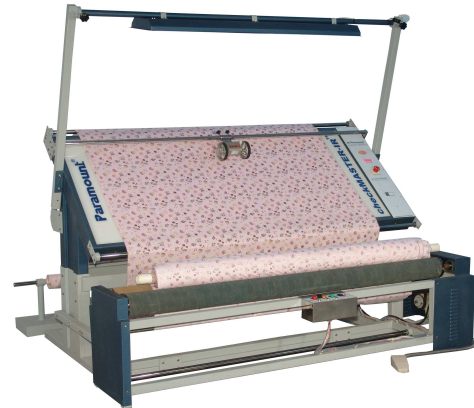
Fabric is your major Investment. This constitutes 60% - 70% of the cost of GARMENT, hence it is your most valuable resource. We are sure you will like to have full control over this Precious Investment. Paramount has introduced in the market an advanced Instrument to check & control any wastage of this valuable input. Better the quality of fabric - Better will be the end product. This is the aim behind developing **checkMASTER IR™** (our latest Fabric Inspection Machine). You can visually check any detect or fault in the fabric that you have sourced & have full control on your quality norms.

**EQUIPMENT**

Paramount **checkMASTER IR™** (Fabric Inspection-cum-Rolling Machine) is completely made of Mild Steel with digital control panel. The specially designed fabric roll stand is provided to load the fabric to be checked. The bottom illumination unit is covered with milky white acrylic, which acts as a viewing area. The top illumination unit is incorporated for proper inspection. The front top & bottom guide rolls are wrapped with felt to support the fabric movement. The Front driver & driven roll Unit helps in making tight rolls of the fabrics. Specially designed tray is provided to keep loose fabric for inspection. The exclusive feature of the machine is that it can be operated by foot switch. The control panel is equipped with speed regulator, Forward & Reverse movement switch & also a digital fault counter.

**SALIENT FEATURES**

- Dual Purpose Machine: Inspection-cum-Rolling Machine to check up to 72" width fabrics.
- Fabric Movement during Inspection: Top to Bottom.
- Flood Lightning system: Increased Light source on Top and Bottom with Electronic choke.
- Powerful Geared Motor mounted on the front unit for making uniform rolls.
- Heavy Duty Motor with Advanced Frequency Converter controls.
- Variable Speed controls with Forward & Reverse.
- Special Twin Wheeled Fabric Length Counter for accurate Length Measurement.
- Digital Fault Counter to count all types of Faults.
- Tensioning Device to provide Tension to Fabric during Inspection.
- Dual Mode Operation: Continuous Fabric Movement and Foot Switch operation.
- Sturdy Foot Switch operation for effective fabric Inspection.
- Also suitable for Knitted Fabrics, if used with Roll-open unit.
- Makes Uniform and Tight rolls of Light as well as Thick fabrics.
- Power requirements: 220/230 volts, 50-60 Hz, Single phase A.C. supply.



**checkMASTER IR™ is supplied complete with below accessories.**

Main Unit having Electronic Chokes & Control Panel	:	01 No.
Top Light Fixing Rods	:	02 Nos.
Top Light Unit (either Fixed to the Unit or in Dismantled position):	:	01 No.
Tray for keeping Fabric	:	01 No.
Fabric Roll Stands	:	02 Nos.
Stainless Steel Rods (For lifting the Rolls)	:	02 Nos.
Plastic Pipes (For making of Rolls)	:	02 Nos.
User's Manual	:	01 No.
Calibration Certificates (Traceable to NPL)	:	01 No.
Inspection & Conformance Certificate	:	01 No.

**TECHNICAL DETAILS**

Power Supply	:	220/230 V, 50 Hz, single phase, 50/60 Hz, AC
Motor	:	1/2 HP
Drive	:	2.2 HP
Max. width of fabric can be check	:	72" (Inches)
Light source	:	Top & Bottom (both side)
Counter	:	a) Length counter : 0 - 99999 Mtrs. , L/C : 1 m. b) Fault counter : 0 - 9999, L/C : 1
Fabric movement	:	From Bottom & Top
Dimension Of Main Unit	:	Length    width    height 2100mm   1475m   1800mm 87 Inch   59 Inch   72Inch



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