

# TECHINCAL DETAILS

## OF

### *checkMaster II*™ (Auto Edge Guiding Device)

#### 1. INTRODUCTION

Fabric, the most valuable resource for Garment constitutes about 60% - 70% of the total cost of a finished Garment. Control of the quality of this input (Fabric) is the major concern for quality of the garment. For controlling the fabric Quality, Paramount has introduced, its latest, wide-with 72", Fabric Inspection Machine, ***checkMASTER II*™(Auto Edge Guiding Device)**. All the Fabric defects can be detected by this equipment and the labour and increases productivity many times over. A very convenient equipment with which thousands of meters of wide-width fabric, upto 72", can be conveniently Inspected, measured and rolled in a single day.

#### 2. EQUIPMENT

**Paramount *checkMASTER II*™( Auto Edge Guiding Device)** is designed to Inspect and make perfectly aligned fabric rolls simultaneously. Front driver & driven roll assembly with auto edge guiding device helps in making perfectly aligned roll of fabrics. Wide viewing area with to bottom illumination unit to check the fabric thoroughly. Tensioning device or tension rolls is incorporated to keep the fabric flat. Special mechanism is incorporated in the unit, which results in stretch free rolling. The checking speed can be controlled with the controlling knob. Forward & reverse motion can be obtained to check the fabric flawlessly with respective knobs. Meterage of fabric is directly displayed on analog length counter. Digital fault counter helps in counting the number of defects in the fabric. Emergency stop switch is provided to stop the machine suddenly in case of an emergency. The machine is meticulously finished in grey & blue paint for gorgeous looks.



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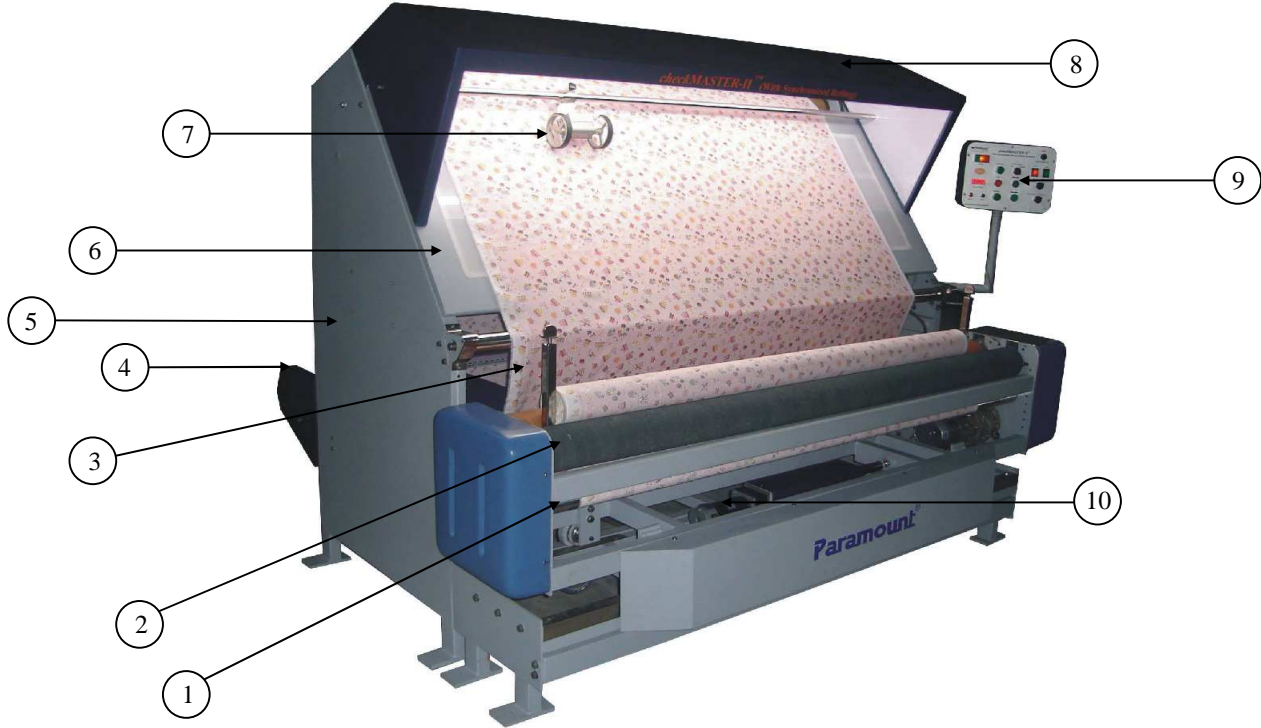


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### 3. Details of the Main Unit of *checkMASTER II*™



1. Guide Roller.
2. Fabric Roll Winding Rollers.
3. Fabric Roll Guider.
4. Fabric Roll Unwinding Unit.
5. Heavy Duty Body Unit.
6. Bottom illuminator Unit.
7. Length Meter Counter.
8. Top Light Unit.
9. Operational Control Panel.
10. Auto Edge Guider Motor.



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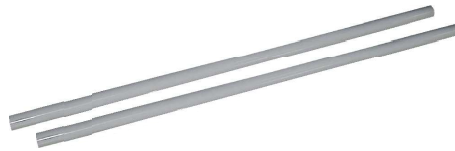


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#### 4. Details of the Accessories Supplied with *checkMASTER II*™



Main Unit



PVC Pipes – 02 Nos.  
 (For Fabric Rolling)



This User's Manual



Inspections & Calibration Certificates

Unpack your *checkMASTER II*™ and ensure that you have the Following units :

- |  |   |        |
|--|---|--------|
| 1. Main Unit   | : | 1 No.  |
| 2. PVC Pipes   | : | 4 Nos. |
| 3. User's Manual   | : | 1 No.  |
| 4. Calibration & Conformance Certificates (Traceable to NPL) | : | 1 No.  |
| 5. Inspection & Conformance Certificate                      | : | 01 No. |



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## 5. SALIENT FEATURES

- Specially designed machine for inspection cum rolling fabrics up to 72 inches width.
- Forward rolling with specially designed mechanism for stretch free rolling of fabrics
- Auto edge guiding device with photo sensors for perfectly aligned fabric rolls.
- Analog length counter up to five digits for fabric length measurement.
- Digital control panel with inching option.
- With speed control device & digital fault counter.
- Emergency stop facility for safety.
- Top & bottom illumination unit for through checking.
- Supplied with calibration & inspection certificates.

## 6. TECHNICAL DETAILS OF *check*MASTER II™

Power Supply	: 220/230 V, 50 Hz, single phase, 50/60 Hz, AC Supply
Max. width of fabric can be check	: 72" (Inches)
Light source	: Bottom & top
Counter	: 0 – 99999 m , L/C : 0.1m
Fabric movement	: Back to Front
Motor for Edge Guiding	: Permanent Magnet DC Motor
Sensor for Edge Guiding	: Diffused Scale Sensor having Sensing range 200-500 M

**NOTE : With our constant endeavour to improve & excel, we reserve the right to alter the specification or modify the appearance without notice.**