

knitMASTER™
(Knitted Fabrics Inspection Machine)

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 knitted fabric Quality, Paramount has introduced, its latest, wide-width 72", Fabric Inspection Machine, **knitMASTER™**. 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.

EQUIPMENT

Paramount knitMASTER™ is designed to check knitted fabrics and make rolls Simultaneously. Operator can also detect minor faults due to Lights at the bottom viewing. Special cradle at the back facilitates in easy movement of the Fabrics. Tension device is provided to keep the fabric uncurled. A plastic pipe helps in making rolls with the help of driver & driven rollers.

A special Edge Guiding Device helps in making perfectly aligned rolls.. The checking speed can be controlled with the knob. Forward & reverse motion can be obtained to check the fabric flawlessly with respective knobs. Meterage of fabric checked is directly assessed from digital display on the control panel. Digital fault counter helps in counting the number of defects in the fabric.

SALIENT FEATURES

- Specially designed economical Fabric Inspection Machine to inspect knitted fabrics to 72"

Width.

- Latest design with modern aesthetics.
- With Forward Rolling system to make perfectly aligned rolls.
- Bottom illumination unit for thorough checking.
- Easy to operate with minimum operator fatigue.
- Fabric roll guide in the front & back.
- Analog Length Counter Maximum 9999.9 meter with 0.1-meter graduations.
- With Digital Fault Counter.
- Special fabric cradle at the back to keep fabric in roll or loose form.
- Specially designed control panel with speed regulation to check fabrics at convenient speed.

knitMASTER™ is supplied complete with below accessories.

Main Unit having Electronic Chokes & Control Panel	: 01 No.
Plastic pipes (For making of rolls)	: 02 Nos.
This 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 Supply
Motor	: 1 H.P. Motor
Frequency Drive	: 1.5 HP Drive
Max. width of fabric can be check	: 72" (Inches)
Light source	: Bottom
Counter	: 0 –9999.9 Mtr., L/C : .1mtr.
Fabric Movement	: Back to Front
Overall Dimensions of the unit	: 2370 (L) x 2165 (W) x 1375 (H) mm 93" (L) x 85" (W) x 54" (H) Inches.
Net Weight of the unit	: 350 Kg. (770 lb) Aprox.



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