

C-TEX FIM

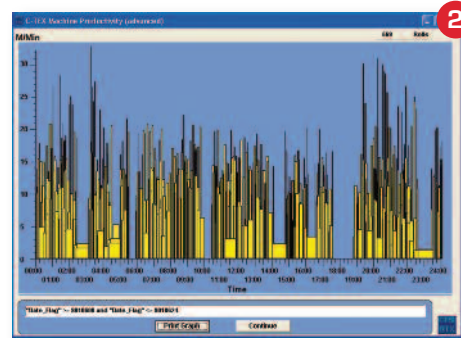
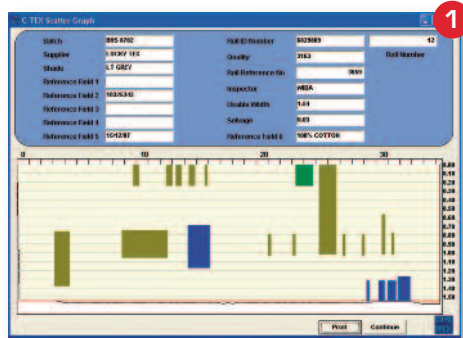
Fabric Inspection Machine with Data Collection and Analysis system

The **C-TEX** FIM Fabric Inspection Machine with data collection and analysis system can be supplied to handle a wide range of rolled materials, from tension sensitive elastomeric and Lycra fabrics to stable cottons.

- Verify NET roll length and USABLE width.
- Objectively appraise suppliers.
- Improve material utilisation.
- Accurately width batch incoming rolls.
- Improve the quality of incoming fabric.
- Reduce administration.



1. Roll Mapping.
2. Histogram showing inspection machine productivity analysis.



Technical Specification	Metric	Imperial
Speed	0 to 60 metres/min	0 to 65 yards/min
Fabric width	2500mm	98 inches
Overall width	3800mm	149 inches
Overall machine height	2200mm	86 inches
Overall machine depth	1800mm	71 inches
Standard roll diameter	450mm (larger on request)	18 inches
Standard roll weight	80KG (heavier on request)	176 lb
Electrical requirements	240v, 50Hz (single phase)	110v, 60Hz
Pneumatical requirement	6 mar	80 p.s.i.

Tensionless input - cloth roll bar feed or twin unwind rollers

Fabric is unwound off the roll without introducing tension.

Lazy loop feed option for tension sensitive fabrics

Fabric is unwound into a photocell controlled lazy loop.

Tension control

Electronic feed control allows fabric to be rewound with or without tension.

Calibrated length measurement

Fabric length is measured using an industry standard calibrated measuring wheel combined with an adjustable pressure roller to eliminate material slippage.

Automatic width monitoring

Fabric width is measured throughout the complete length of roll.

Accurate edge control

Photoelectrical sensors for accurate re-rolling of material.

Consistent output - twin rewind rollers

Processed rolls are rewound with the minimum amount of tension and are consistent from roll to roll.

Data collection and analysis system

The data collected is automatically processed offering objective supplier appraisal and management information for production planning.