



Contact Free Fabric Surveillance

SCANNER 5390

for Warp Knitting Machines

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- Reliable fault detection with fast reaction time
- No material or yarn abrasion
- Convenient operation

The knitted fabric monitoring device SCANNER 5390 impresses through its high quality and outstanding price/performance ratio. The system guarantees a complete and efficient control of the production. All standard warp knitting machines can be controlled with the SCANNER 5390 using a contact free operation system.



RELIABLE SURVEILLANCE

- Fast fault detection by checking the knitted fabric directly after being formed by the knitting elements
- Interference protected digital transmission between travelling carriage and control unit
- Exact determination of the position of the fault in the fabric
- Optional back-light device available to optimize the fault detection if required

MAXIMUM PRODUCTIVITY

- Fast reaction time minimizes lengthy faults
- Immediate machine stoppage even at high speeds

NO MATERIAL AND YARN ABRASION

- Smooth running and traversing of the inspection head by means of an electronically driven motor
- Digital power and data transmission eliminates the soiling by carbon dust and the running-in of the copper rail
- Self-diagnostic system assists in fault finding and repair in case of a technical problem



TECHNICAL DATA

- Connection of max. 3 laser light barriers to the control unit
- Travelling carriage with 4 speed settings up to a max. of 2m/sec.

CONVENIENT OPERATION

- LCD hand terminal assists easy handling
- Automatic evaluation of the measured data by means of modern microprocessors



CARPET WEAVING MACHINES

VELVET WEAVING MACHINES

TUFTING SYSTEMS

ADVANCED KNITTING TECHNOLOGY

YARN EXTRUSION LINES

ADVANCED HEAT-SETTING SOLUTIONS

SHEDDING SYSTEMS

HARNESSES

WEFT INSERTION SYSTEMS

FINISHING MACHINES

YARN TRADING

QUALITY ASSURANCE FOR TEXTILES

PRODUCTION MANAGEMENT SOLUTIONS

MOTORS & DRIVES

HIGH PRECISION IRON FOUNDRY

BULK HANDLING

Since 1956 PROTECHNA has been producing, marketing and servicing opto-electronic thread control systems for the textile industry. Best quality lead to steady growth and resulted in our company being the market leader for monitoring textile machines. Today the company is operational worldwide and has at its disposal marketing and service partners in all of the textile producing countries.

By using the latest technologies our technical department develops innovative monitoring devices for practical use in the textile industry.

A close and long-term cooperation connects us with the leading textile machinery manufacturers. For the requests and suggestions of our customers we always have an open ear. Only in this way real innovations can be created, which are highly beneficial for our customers.

At the contentment of our customers we measure the quality of our work and the success of our company.



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