



Tufting Technology

Single end yarn monitoring for Broken AND Tight ends
Because every Broken end was first a tight end



WATCH VIDEO

TuftX Model TX-100

A versatile single end yarn monitor that detects broken end, end-outs, and tight ends. Using patented optical technology, the TX-100 will monitor for tight ends and stop the machine before the break occurs. This translates into increased production and multiple machines per operator.

System features & capabilities

- Indicator at the sensor for easy defect identification
- Touchscreen interface for easy user setup, operation, and diagnostics
- Network ready for Industry 4.0
- No calibration or learning of yarn required
- Works with different yarn types at the same time
- Works with any gauge machine



WIRET v. 1.00

MACHINE SETTINGS		Tutti		LOP	WIPED	WIPED.001	
Last Defect Type	Broken End	Last Defect Module	7	Last Defect Ejector	6	Machine State	Running
Yarns State	Normal	Broken End Setting	300 ms	Tight End Time	3.1 sec	Number of Modules	5 / 6
Tertiary Reading							
Runtime	00:00:24:31	Case Interior Temp(C)	25c	Thermostat Exterior Temp(C)	---	Uncorrected Pressure(Inches Hg)	27.89"
Relative Humidity	37%	L1 Phase Amps	5a	Peak L1 Phase Amps	5a	L2 Phase Amps	75a
Peak L2 Phase Amps	75a	L3 Phase Amps	25a	Peak L3 Phase Amps	25a	G Force X axis	0.1g
G Force Y axis	0.1g	G Force Z axis	1.1g	Peak G Force	1.2g	Fault Code	00

Specifications

Specifications subject to change without notice.



Input Power

115-220VAC 50/60 Hz
150 watts



Stop Motion

Momentary dry contact
NO, COM, NC

Run/Reset signal
24-240 VAC/VDC



Detection System

Patented optical sensor for Broken and Tight end detection



Operator Interface

4.5" (11 cm) Diagonal color touch screen

Appalachian Electronic Instruments, Inc.

For more information about any AEI solution contact us today.

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We will quickly put you in touch with the AEI representative for your region and industry.