

Fabric Inspection Software

Fop Defects -	Defect 2 \ 2 \ 1 \ 1 \ 1 \ 4 \ 0	Varp Ate: Sdge Thin the: 0 10 2	Defect Co	P Top Defects Grade ass 42.7 m procentration 40 50 60	Islant Piece Fabric Style Start Date Grading Table Total # Points Total # Majors Length	4711 milano 10/16 Default gr	/2014 14:51:43 ading 65.40 1 56.7 m	# Defec Total # Total #	ts/100 Points/100 Majors/100	Language Codion Hilde 15.87 115.34 135.3 136 9		Đ,			
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0.0				Fabric Style: milano	Fabric Style milano	Order	Great Weight	Set singly	150					Ĩ	H-
6.0		Hole		Width: 18 cm (20 cm)		Defect27	Delectra	Delectra	Selectr	Conception of the		_			
13.0	***	Broken Pick			Knots	Kinks	Short Pick	Broke	Hairy Pick	Faulty Weft	1				
		Water Spot	۵	Start Cutout: 4711/1 Start RD	Defect29 Weft Spots	Defect32 Moire defect	Delvc03 Nested Yam	Hairy	Stop Mark	Werst Spot					5
22.0	-	Stop Mark		Width: 60 cm (37 cm) End RD	Dirt Spot	Geletal Water Spot	Defect#5 Hole	Distorth					1		2
32.0	****	Water Spot		End Cutout					12				1		15
32.0		Uneven Yarn		Width: 60 cm (55 cm)											
35.0		Warp thread Mark		Start RD			Tatel	Appel					4		
37.0		Warp thread Mark	-	End RD Width: 13 cm (18 cm)	Spinning	Preparation	Weaving	Finishing					/		
37.4		Bad Edge		width: 40 cm (85 cm)			1						//		
44.4		Thin Place		Width: 40 cm (17 cm)		•	50 00	194	110				1		
49.4 56.4	•	Weft Deviation		Next	9 10 10 mm	20 10 40			1	-		1.			
Previous	Î]							4						

Fabric Inspection Software is specially designed for the registration of defects on fabric inspection frames. It features a high end 15.6" touch panel PC with a graphical intuitive web-based user interface offering a user friendly interaction with the inspector. A DIN-rail mountable DU7 provides the interface with the frame motor controls, length counter, weighing scale, tagging device and other peripheral equipment. A tablet with a web browser offers mobile inspection and remote monitoring of different inspection frames.

The software can either be used in combination with QualiMaster fabric inspection and cutting system or as a stand-alone terminal to assist the manual inspection process, to calculate the grade and to print piece maps and labels.

Functions

- Order and piece information including inspection instructions download from QualiMaster or ERP system.
- Entry of defect codes including severity, width and position.
- Entry of notes and additional quality parameters (weight, width, shade, ...).
- Real-time piece map and defect concentration graph.
- "Grade assistant" for a real-time advice about the reason for "off-quality".
- Import of defect maps and defect pictures for re-inspection/mending activities.
- Front and back inspection, cutting and multi panel support.

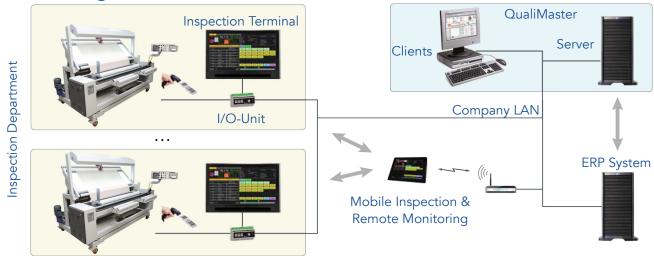
Features

- Fully configurable user interface.
- Foreign language support and on-screen language selection.
- Ethernet connection to QUaliMasTer or ERP system.
- Interfaces for machine run/stop and speed control, printer, scale, barcode scanner, keyboard, ...
- Length counter interface for automatic length registration.
- Continued operation and storage in case of network or server unavailability.



Fabric Inspection Software

Networking



Display Examples

				Gr	aphical Map						Pos.	Sev.	Descr	Maj	Remarks
	60										0.0				Start Piece: 4711
	50				_						0.0				Fabric Style: milano
Ê	40										6.0		Hole		Width: 18 cm (20 cm)
ngth ("										13.0	***	Broken Pick		
ce Le								*	- 18.0				Start Cutout: 4711/1		
ž	20										18.0	****	Water Spot	~	Start RD
	10									Reference		ited	Stop Mark		Width: 60 cm (37 cm)
								Criteria		grade		*	Water Spot	×	End RD
	0	20	40	60	80	100	120	Minimum piece length	30		42.7				End Cutout
					Piece Width (cm	m):		Maximum piece length	150)	42.7		Uneven Yarn		Width: 60 cm (55 cm)
Gr	Graphical Piece Map						0 - 44			Warp thread Mark		Start RD			
	1 1						20	16.39		Warp thread Mark		End RD			
Į.					Max. length running defects			0.4		Bad Edge		Width: 13 cm (18 cm)			
					Grade Assistant			49.4	*	Thin Place		Width: 40 cm (85 cm)			
									56.4		Weft Deviation		Width: 40 cm (17 cm)		

Tabular Piecee Map

Technical Specifications

Touch PC

• Specification to meet customer requirements

Length/Meter Control System

• Many options are available depending on customers requirements.

I/O-Unit (Optional)

- 6 digital/counter/encoder inputs for a length counter, ticket tagging device, machine signals.
- 7 relay outputs for machine run/stop and speed control.
- 2 serial ports (RS232/422/485) for printer/scale.
- 3 Ethernet ports for company LAN and 2 touch panel PCs.
- 2 USB ports for printer, scale, ...
- Power: 12 to 24 Vdc or PoE, 11 W.
- DIN-rail mountable, 9 modules wide.



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