



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.

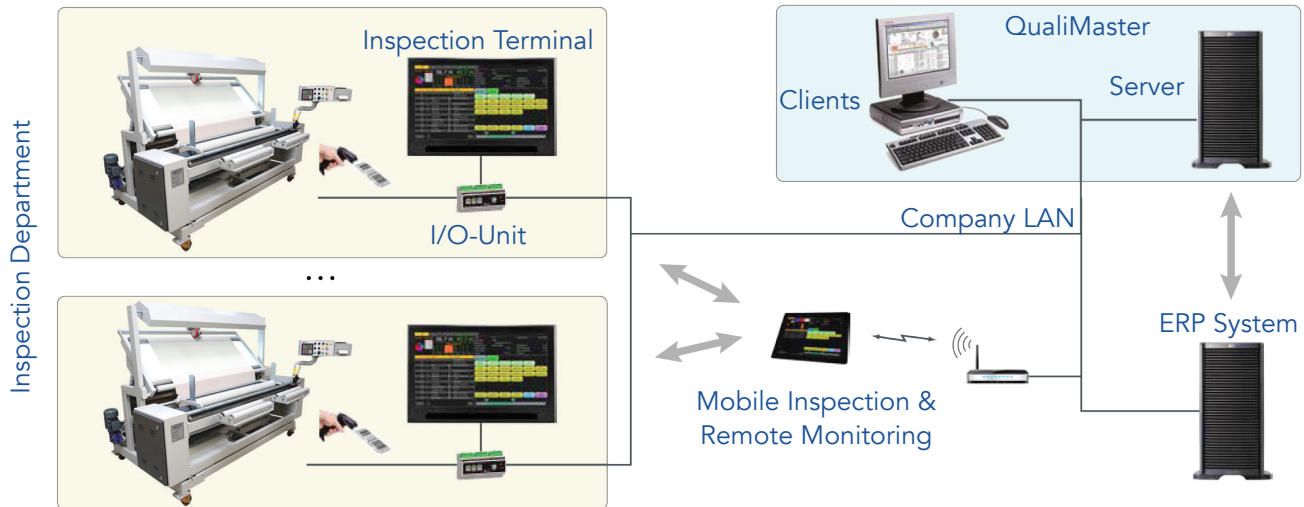
Functions

- 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.

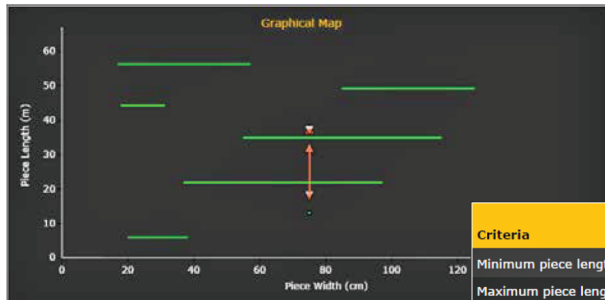
Features

- Fully configurable user interface.
- Foreign language support and on-screen language selection.
- Ethernet connection to QQualiMasTer 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.

Networking



Display Examples



Graphical Piece Map

Criteria	Reference 1st grade	Calculated grade
Minimum piece length	30	42.7
Maximum piece length	150	42.7
Points / 100	0 - 44	29.04
Defects / 100	0 - 20	16.39
Max. length running defects	3	0.4

Grade Assistant

Pos.	Sev.	Descr	Maj	Remarks
0.0				Start Piece: 4711
0.0				Fabric Style: milano
6.0	*	Hole		Width: 18 cm (20 cm)
13.0	***	Broken Pick		
18.0				Start Cutout: 4711/1
18.0	****	Water Spot	<input checked="" type="checkbox"/>	Start RD
		Stop Mark	<input type="checkbox"/>	Width: 60 cm (37 cm)
	*	Water Spot	<input checked="" type="checkbox"/>	End RD
				End Cutout
		Uneven Yarn	<input type="checkbox"/>	Width: 60 cm (55 cm)
		Warp thread Mark	<input type="checkbox"/>	Start RD
		Warp thread Mark	<input type="checkbox"/>	End RD
		Bad Edge	<input type="checkbox"/>	Width: 13 cm (18 cm)
49.4	*	Thin Place	<input type="checkbox"/>	Width: 40 cm (85 cm)
56.4	*	Wet Deviation	<input type="checkbox"/>	Width: 40 cm (17 cm)

Tabular Piece 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.