

UI-WVT / UI-WVT-R1 Conveyor Width Variance Checker



[For Reflow]



[For Wave]



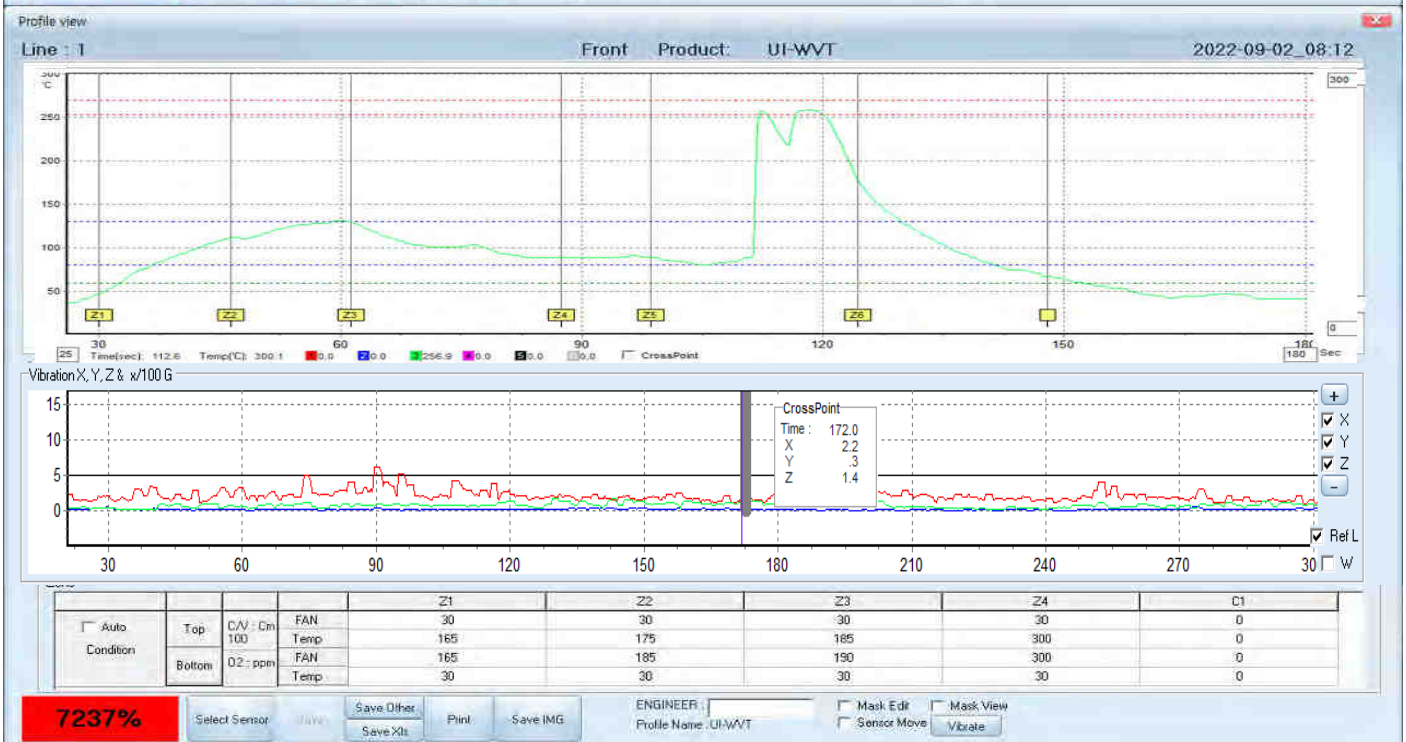
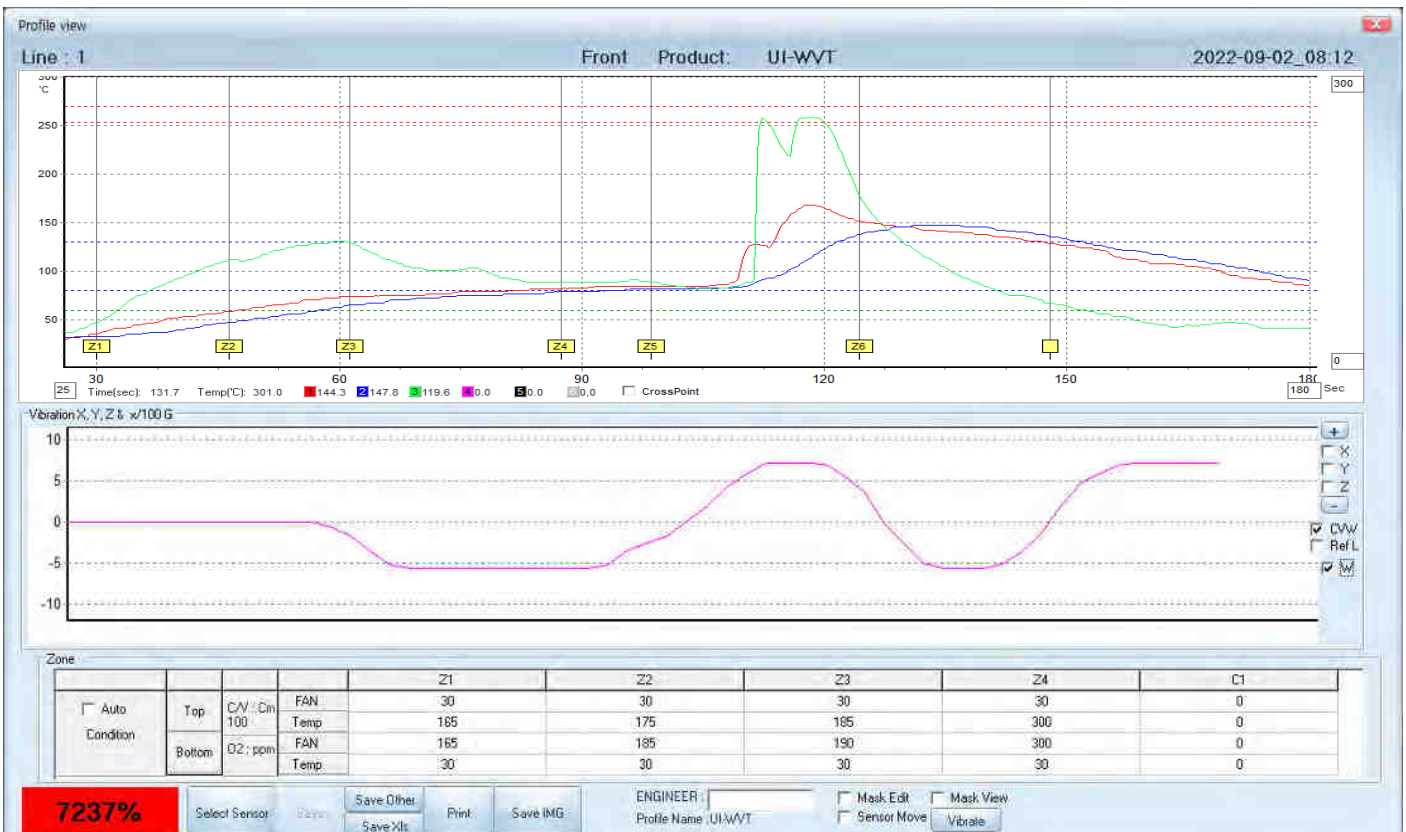
UI-WVT Width checker - Measures the real width of the adjusted conveyor inside the Reflow or Wave Soldering System

Features

- Prevents loss of equipment due to mechanical defects (PCB drop down, Jig drops down, etc.) which could occur during production.
- The linear gage is manufactured to measure the real width during production, inside the heated-up reflow oven
- The System is designed for operating in reflow or wave soldering systems with up to 400°C to measure the rails during the reflow or wave soldering process. Temperature recording during the process indicates at which point you have a width difference.
- The integrated vibration sensor records vibrations in X, Y and Z direction

Items	Sensor	Measuring Scope	Accuracy
Temperature Measurement	K-type Thermocouple	0 – 400°C.	±1,5°C
Sampling		0.3 seconds	
Measurement Time		10 minutes	
Use temperature		0 – 400°C.	
Measurement range of variance in width		±6.0mm	
Min./Max. measuring of conveyor width		110 – 180mm 110 – 230mm with special shaft	
Internal storage		One time	
Vibration measurement		±2G gravitational acceleration sensor	

Specification



Our Product Portfolio



Label Feeder, also
for special parts



Label/ Laser Marker
and labels



Tape Feeder
and accessories



Tray Handler /
Reject Parts Conveyor



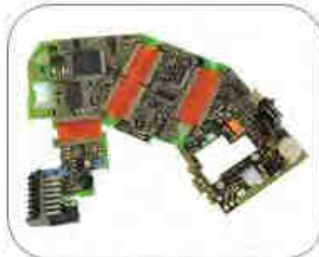
Manual
Taping Systems



Horizontal
Tube Feeders



Optical Bonding



Thermal Bonding



Place-N-Bond
Underfilm



Univers. In-System
Programmiers



Reflow Inline
Video Camera



Depaneling
Systems