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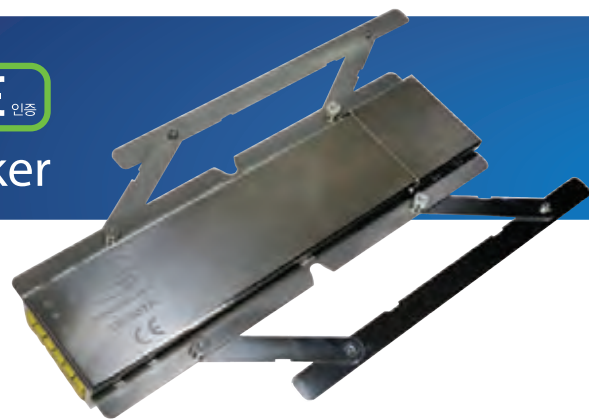saharudin@jst-electronics.com

JST Electronics Uisys

UI - 301A CE 인증

Available in PbFree Reflow Checker

- Measurement of max. 6 channels
- Adjustable sampling speed & Low power
- Protection for internal circuits
- Measurement analysis
- Data Comparison
- Data converted to Excel files
- Result storage up to 5 times
- Monitoring for low battery
- Data Filtering
- Simulaltion

MADE IN KOREA

General Information

Items	Details
Battery	Rechargeable, 6V
Operation Hours	Continuously for 15 hours (room temperature)
Operation / Storage Temperatures	0~300℃/0~40℃
Dimension	283×60×23 / 283×97×23

Specification	Minimum Requirement
OS	Windows 95, 98, ME, 2000, XP, 7, 8
Processor/Memory	Pentium2 and later / 64MB and more
HDD / CD-ROM	64MB and more / CD-ROM (Program Installation)
Video Card / Connection	1024×768, 16 bit and more / RS232C

Measurement

Items	Sensor	Measuring Scope	Error(s)
Temperature Measurement	KK-type Thermocouple	0~300℃	±2℃
Sampling		0.3, 0.6, 1.2 and 2.4sec	
Measurement Time		10Minutes	
Internal Storages		5	

UI - 302 CE 인증

Available in PbFree Wireless Reflow Checker

- Measurement of max. 6 channels
- Displays Real-time measurement data
- Measurement analysis
- Data Comparison
- Data converted to Excel files
- Designed for low power
- Protection for internal circuits
- Monitoring for low battery
- Data Filtering
- Simulation

Measurement

Items	Sensor	Measuring Scope	Error(s)
Temperature Measurement	K-type Thermocouple	0~300℃	±2℃
Sampling		0.3sec	
Measurement Time		10Minutes	
Internal Storages		Bluetooth /100m	

General Information

Items	Details
Battery	Rechargeable, 6V
Operation Hours	Continuously for 10 hours (room temperature)
Operation / Storage Temperatures	0~300℃/0~40℃
Dimension	311×60×23 / 311×97×23

Specification	Minimum Requirement
OS	Windows 95, 98, ME, 2000, XP, 7, 8
Processor/Memory	Pentium2 and later / 64MB and more
HDD / CD-ROM	64MB and more / CD-ROM (Program Installation)
Video Card / Connection	1024×768, 16 bit and more / RS232C

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Uisys user interface

UI - 316

Available in PbFree
Reflow Checker

- Measurement of max. 16channels
- Simulation
- Measurement analysis
- Data Comparison
- Data converted to Excel files
- Max. 2 data storage
- Adjustable sampling speed & low-power
- Data Filtering
- Monitoring for low battery
- Protection for internal circuits

MADE IN KOREA

Measurement

Items	Sensor	Measuring Scope	Error(s)
Temperature Measurement	K-type Thermocouple	0~400℃	±2℃
Sampling		0.3, 0.6, 1.2 and 2.4sec	
Measurement Time		10Minutes	
Internal Storages		2	

Specification

Specification	Minimum Requirement
OS	Windows 95, 98, ME, 2000, XP, 7, 8
Processor/Memory	Pentium2 and later / 64MB and more
HDD / CD-ROM	64MB and more / CD-ROM (Program Installation)
Video Card / Connection	1024×768, 16 bit and more / RS232C

General Information

Items	Details
Battery	Rechargeable, 3.6V
Operation / Storage Temperatures	0~400℃/0~40℃
Dimension	190×48×11.5

UI - 316S

- Measurement of max. 11 channels
- Applicable for small-scale (70mm and less) PCB production
- Measurement analysis
- Max. 2 data storage
- Simulation

- Data Comparison
- Data converted to Excel files
- Data Filtering
- Monitoring for low battery
- Protection for internal circuits
- Adjustable sampling speed & low-power

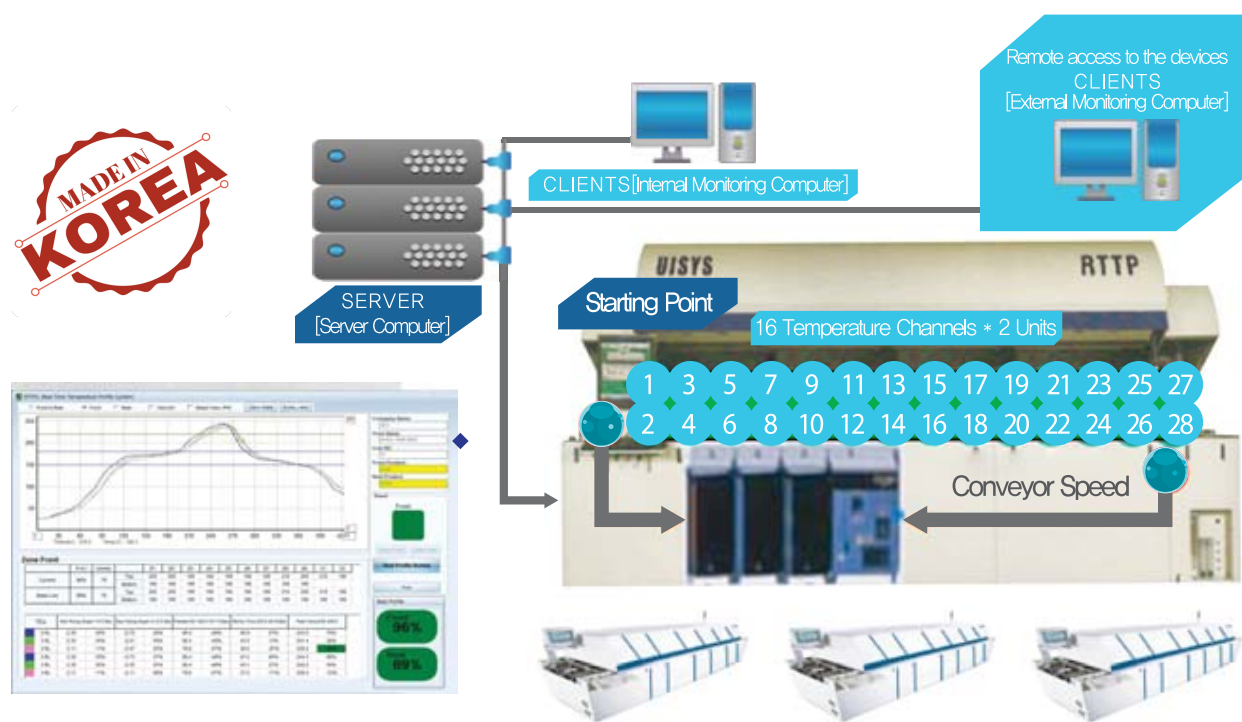### Measurement

Items	Sensor	Measuring Scope	Error(s)
Temperature Measurement	K-type Thermocouple	0~400℃	±2℃
Sampling		0.3, 0.6, 1.2 and 2.4sec	
Measurement Time		10minutes	
Internal Storages		2	

General Information

Items	Details
Battery	Rechargeable, 3.6V
Operation / Storage Temperatures	0~400℃/0~40℃
Dimension	350×150×60

JST Electronics

UI-501 [RTTPS - REFLOW]
Real Time Temperature Profile System

Remote access to the devices
CLIENTS
[External Monitoring Computer]

CLIENTS [Internal Monitoring Computer]

SERVER
[Server Computer]

UISYS   RTTP

Starting Point

16 Temperature Channels * 2 Units

| 1 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 25 | 27 |
| 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 |

Conveyor Speed

The System uses max. 32 channels temperature sensor fixed within the reflow to detect any temperature changes and evaluate its status real-time, while proximity sensors and photo sensors measure and monitor production environment of the reflow by detecting velocity of the conveyor and PCB. This enhancing productivity and preventing mass defects. The equipment can be maintained real-time from remote location via network version.

Items	Sensor	Measuring Scope	Error(s)
Temperature Measurement	K–type Thermocouple	0∼400℃	±2℃
Sampling		1Second	
C/V	Metal Sensor		
PCB Detection	Photo Sensor		

Specification	Minimum Requirement
OS	Windows 95, 98, ME, 2000, XP, 7, 8
Processor/Memory	Pentium2 and later / 64MB and more
HDD / CD–ROM	64MB and more / CD–ROM (Program Installation)
Video Card / Connection	1024×768, 16 bit and more / RS232C