JST Electronics

Uisys (user interface sys)

UI –O$_2$10KA
Available in PbFree
In-Line O$_2$ Analyzer

PROFILE CASE - 28

Uisys www.uisys.co.kr

MADE IN KOREA

- ◆ In-Line O2Measurement
- ◆ Result storage up to 5 times
- ◆ Analysis & Comparison of measurement
- ◆ PC based O2Profile

- ◆ Precision measurement : 0ppm~1,000ppm
- ◆ Standard measurement : 0ppm~10,000ppm
- ◆ Wide area measurement : 0ppm~250,000ppm
- ◆ Data converted to Excel files

Patent No. 10-1102986

Measurement

Items	Sensor	Measuring scope	Error(s)
Oxygen measurement	Zirconia	0ppm~1,000ppm 0ppm~10,000ppm 0ppm~250,000ppm	±3%
Sampling		0.3, 0.6, 1.2 and 2.4sec	
Measurement time		10, 20, 40 and 80minutes	
Internal Storages		5	

General Information

Items	Details
Battery	Rechargeable, 8.4V
Operation Hours	Continuously for 40 minutes (room temperature)
Operation / Storage Temperatures	Common SMT Reflow / 0~4℃
Dimension	490×120(280)×33

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

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UI - 550

Stationary mounted type
O$_2$ Analyzer

◆ UI-550 can detect up to 50ppm of oxygen at 25% (higher density than the atmosphere), and convert output data according to PC transmission inquiries (connection, low voltage, or current) UI-550 can detect 13CH with selected options.

Measurement

Items	Sensor	Measuring Scope	Error(s)
Oxygen density	Zirconia	25%~50ppm	±2%
Sampling	For 100 sec at initial stage, by 1 sec		

General Information

Items	Details
Fitting	Externally 6mm
Option	Max. 13CH
Dimension	390 ×195×235

Specification

Specification	Minimum Requirement
Power	110~250V(50/60Hz)
Display	FND 4 Digit
Connection	RS232
Option	Signal conversion enabled, 4~20mA, 0mV~10V