LED Color Test Unit

KEC2030

Features

- LED color and luminance intensity test
- Controlled from PC per Ethernet port
- Connect with Max. 64 LED Sensors
- Application software for Windows

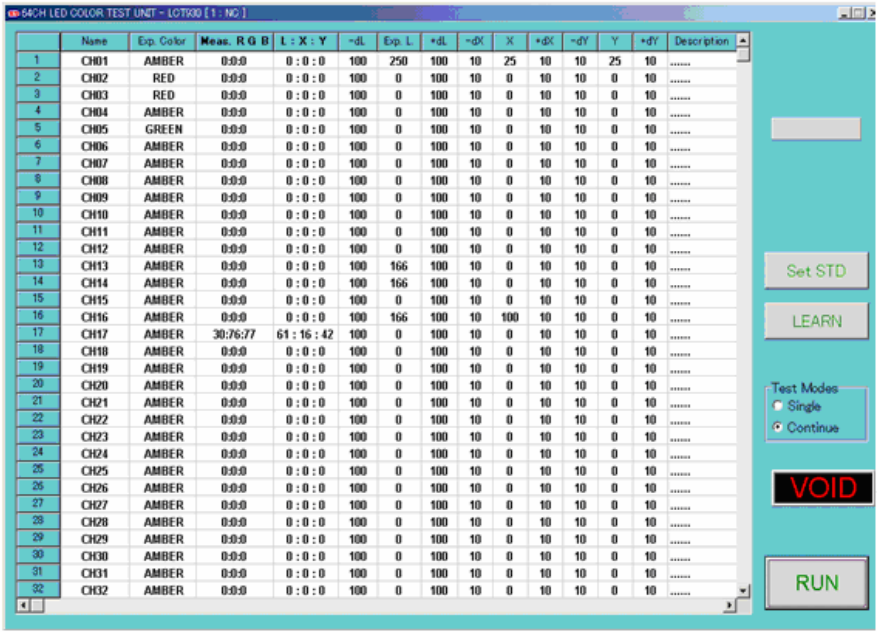
Application

- LED test on PCB functional test
- LED test on final production test.
- LCD back light test
- Amusement machine panel test
- Automobile meter panel, brake lamps,

Production Description

KEC2030 can connect Max. 64 single Color LED test probe KEC2100 series, and it is controlled from PC per Ethernet port, and test if the LED is lighted on at right color and proper luminance level. It is designed for functional test system to test printed circuit board.

The application software LCT930 can scan all of the 64 probe channel outputs, shows the RGB measurement values, and convert them into LXY values at color Chromaticity. The X, Y values will exactly locate the color of the LED under test. For the automatic inspection, the tolerances for each channel can be edited, and PASS/FAIL decisions for each channel and overall are carried out after running the measurement. It is available to record the measurement RGB values and LXY values into a CSV format file.



For the customized application, we can supply the DLLs libraries for most of major software development environments.

Specification

LED Color Test Unit Model KEC2030			
Inputs	Channel	64 channels, 65 interface with KEC2100 probes	
	Measurement range	From 0V to 5V R,G,B respectively	
	Probe power supply	DC5V	
	Cables	64 pin flat cable 4 pcs	
Interface	Port	Ethernet port Using LAN cable	
Application Software	Application for Windows XP, or Windows2000 Show the RGB , and LXY (color space at chromaticity) Set the decision tolerance, make PASS/FAIL result for each channel and overall result Data log into CSV file		
Generals	Size	W203.2 D255 H128	
	Power	85V-260 50/60H	
	Temperature	Operating -10 to 60°C Storage -25 to 60°C	

Kyoritsu

For more information visit

www.kectech.com

Kyoritsu Electric Corporation (Canada)
30 West Beaver Creek Rd, Suite 109
Richmond Hill, L4B 3K1
Tel: (905)764-2740 FAX: (905)764-56