OKM OOKUMA ELECTRONIC Co.,Ltd.

Signal Generator for
LTPS type Liquid Crystal Display Cell
OGI-007

New standard signal generator with low-cost, high-performance, space-saving design and easy-operation.

【 Product Type 】
  OGI-007

【 Feature 】

1) Signal generator applied mainly for LTPS(Low Temperature Poly-silicon) type liquid crystal display cell used for smartphone or mobile device.

2) Easy recipe programming
   ➢ Since each signal is already define character, method of setup signal timing is just input several drive parameters.
   ➢ Method of setup of display pattern is just select from built-in patterns.
   ➢ Allow to setup various waveforms to each recipe

3) Easy operation
   ➢ It is possible to change level and adjust flicker in operation by operation box.

4) Easy maintenance
   ➢ It is possible to calibration by own site.(※1)

5) Dual output to 2pcs of cells simultaneously.

6) With following measurement functions.
   ➢ Voltage measurement. ➔ for Power channel voltage monitoring.
   ➢ Current measurement. ➔ for minute current monitoring.
   ➢ Resistance measurement. ➔ for open-short monitoring .

(※1)

It is necessary automatic calibration equipment.

(product type: OCU-007)

Signal Generator Specifications

Item		Description
Output	Port	2
	Base Clock	0.1〜50.0MHz / 0.1Mhz Step
	Pulse Signal Channel	22ch / ±17V / 15mA
	Analog Signal Channel	14ch / ±10V / 30mA
	Power Channel	10ch / ±18V / 100mA
	Power Channel for Backlight	1ch / 4〜12V/1A
Input	Power	3ch / ±18V / 100mA
Measurement Function	Current Measurement	Analog：10ch 　Range：Max±60uA, Max±3.2mA, Max±32mA Power：8ch 　Range：Max±320uA, Max±2.4mA, Max±125mA
	Voltage Measurement	Output Power：8ch / Input power：3ch Range：0〜±18V
	High-Resistance Measurement	Analog：between any two channels of specific 10ch Range：10kΩ〜20MΩ
Interface		1)　RS232C x 1 port 2)　RS422/485 x 1 port 3)　USB 2.0 x 3 ports 4)　Ethernet LAN x 1 port 5)　VGA x 1 port 6)　Digital-Input　x 16 ports（Photocoupler-Type） 7)　Digital-Onput　x 15 ports（Open collector-Type）
Recipe	Programming	With Windows application
	Installation to Signal Generator	Insert USB Memory contained recipe
Remote Control		With RS232C port
Protection		Over current Protection with All Analog and Power Channels
Operational Temperature		0〜50℃
Size		W430 x D380 x H100 mm
Input Power		85〜240VAC/5A
Weight		12kg
Accessories		Operation Box/ Power AC Cable(2m)/ Output Cable / USB Memory