

**COSMO**

PCベース

# CMX-1000S

液晶パネル用信号発生器

Signal generator for LCD

大型TV向け

# CPX-1000TV

液晶パネル用電源発生器

Power supply for LCD



## 特 長

QVGA/20FPS(MPEG,AVI,他オプション)の動画対応  
Moving picture:QVGA/20FPS MPEG,AVI.

上位ホストとnetworkでダイレクト接続でき、  
貴重な検査情報がリアルタイムにモニターできます。  
Direct data link to the Host computer(CIM).  
The real time monitoring of some test data.

電源(バックライト等)ユニットとの一体化した制御機で  
大型TV用信号発生源として最適なシステム構成。

This system composition is best for the inspection test  
of large LCD for TV because the change and control  
of the VBL power supply are simple.

CM50 信号発生器とテストプログラムに互換性があります。  
The Test program of CMX - 1000S and CM50/40 are same format.

**COSMO**

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**. SYSTEM SPECIFICATION, OPERATION SPECIFICATION(CMX-1000S)**

|                    |   |
|--------------------|---|
| Basic System       | Signal Generator Main Body Personal Computer Based  |
|                    | LCD Display 1024×768(for operation monitor)   |
|                    | Keyboard(for operation) , Mouse(for operation)  |
|                    | Based on Windows XP Home Edition(Professional Edition Option)   |
|                    | HDD 80GB  |
|                    | Memory 512MBYTE   |
| Operation Style    | CPU Pentium4 2.8GHz   |
|                    | Operation Monitor Display area 1024×768(XGA)  |
|                    | Some of the parameter show on the Display Picture,CursorAddress, Voltage,Current,etc                          |
|                    | Ten Keypad is used for operation Pattern,Level,RGB changing ,etc<br>Mouse is used for Cursor Position moving. |
| Test Reapeite Edit | CMX-1000S standard Edit software SG-Programmer included.  |
| Box Outline        | 390mm(W) × 280mm(D) × 108mm(H) (Except Protrusion )   |
| Weight             | Signal Generator Main Body 5.8kg, Key Board 1kg, LCD 4kg, Mouse 200g  |
| External Port      | RS-232C(1ch),USB 4ch,Parallel Port (1ch),PS2 Mouse(1ch)   |
|                    | PS2 Keyboard(1ch),Ethernet Port(1ch)  |

|                         |                         |
|-------------------------|-------------------------|
| Input(Operation)Voltage | AC85-240V 50/60[Hz]     |
| Power consumption       | 100V/4A ,200V/2A        |
| Operation Temperature   | 10 ~ 40                 |
| Operation Humidity      | 85%(Without water ball) |

**. SIGNAL GENERATOR SPECIFICATION (SG CARD TYPE:LTIE10)**

|                |   |
|----------------|---|
| Panel Size     | VGA Panel WUXGA ,HDTV Panel<br>Horizontal Size = 640 1920 Dot Video Memory Size Max 2048<br>Vertical Size = 480 1200 Line Video Memory Size Max 2048  |
| Color Depth    | Max R,G,B 8/10bit   |
| Control Signal | HD, VD, DE, Dclk  |
| LVDS Out       | 2ch : Max 100MHz/Single, 200MHz/Dual : Min 20MHz<br>Cable Length Max= 1.5m<br>LVDS-OUT = 40 Pin Half Pitch Type Connector (3M : 10240-1210VE)<br>(JP24,JP25: 2-3SHORT: +3.3V out 1-2SHORT: POWER-CARD Programmable Voltage out) |
| DVI-D out      | 1ch(Single Link) :MAX 81MHz/Single 162MHz/Dual :Min25MHz<br>DVI-D-OUT=DVI-D Connector (JAE:DV2R024N11)<br>(JP25:2-3SHORT:+3.3V out 1-2SHORT:POWER-CARD Programmable Voltage out)  |
| BITMAP         | 24 bit Full color (BMP, JPG, GIF, PMT[Cosmo Original Pattern Command Factory])  |
| Moving picture | QVGA / 20 FPS , MPEG 1 & AVI  |
| EDID(DDC)      | EDID function extendable(SG card Type:LTIE10-SG-PCI)  |

**. CPX-1000TV Power Supply Unit for CMX-1000S**

|                         |  |
|-------------------------|--|
| Basic System            | CPX-1000TV is the High wattaged power supply controlled by CMX-1000S |
| Operation Specification | Same as CMX-1000S  |
| Power Consumption       | 100V/17A,200V/8.5A   |
| Box Outline             | 390mm(W) × 280mm(D) × 168mm(H) (Except Protrusion)                   |
| Output Power            | CH1:1-24V/6A   |
|                         | CH2:1-40V/15A  |
|                         | CH3:1-24V/6A   |
|                         | CH4:0-10V/0.5A   |
|                         | CH5:0-10V/0.5A   |
|                         | CH6:0-10V/0.5A   |
| PWM Dimming             | 3.3V/5V:Frequency 0.01kHz ~ 10kHz                                    |
| BL-ON, RESERVE2,3,4     | 3.3V/5V:LOW/HIGH SELECT  |

CAUTION : The Specification of this equipment will be changed without any notice.