SHARP
New Product News

The LCD Control Terminal, that is high resolution and 7.7-inches compact size. An indication function equal to the upper model is realised.

A new LCD control terminal from Sharp, the leading company in liquid crystal. The new product corresponding to the various needs in the field. The operation and drawing speed is much improved by the loading 32-bit RISC chip and the latest graphic accelerator. Wide variety of functions are available.

●At designing
・Screen editing software fully utilizing the operationality of Windows.
・Easy drawing just by selecting the item from the graphic parts library.
・Parts once created for some use can be saved as custom parts for another use later.
・Easy layout by moving the switch by one bit.
・Importing the DXF file of CAD data.
・A screen image can be pasted into the other programs like Excel via clipboard.

●At debugging
・By using simulator function, only PC and LCD control terminal are needed in debugging.
・High-speed transfer of screen image (115.2kbps).
・Trial run time can be shortened by ladder monitor function (on condition that this LCD control terminal is used with Sharp's PLC).

●At operation
・Speedy response is realised by the high speed of communication (max.115.2kbps) and macro operation function.
・By 128-color display, the conventional lamp image is realised.
・The stop time at the error in equipment can be shortened by ladder monitor function* (on condition that this LCD control terminal is used with Sharp's PLC).

* Available soon

Model name	Display specification	Dot pitch	Bar code I/F	Printer I/F
ZM-52D	7.7 inches STN color	640×480	○	○

■Compared with Sharp conventional models

	ZM-41D	ZM-61E	ZM-52D
Display device	STN color LCD	EL display	STN color LCD
Display color	8 colors	yellow/black	128 colors
Dot pitch	320×240	600×400	640×480
Screen size(mm)	5.7 inches 115.2×86.4	8.9 inches 192×120	7.7 inches 160×121
External dimensions(mm)	210×158×78	288×203×95	230×175×66.1
Panel cut-out(mm)	199×147	277×192	220.5×165.5

■System configuration chart

Note 1 : Use the terminal converter when connecting the LCD control terminal side of link cable by the terminal block.