

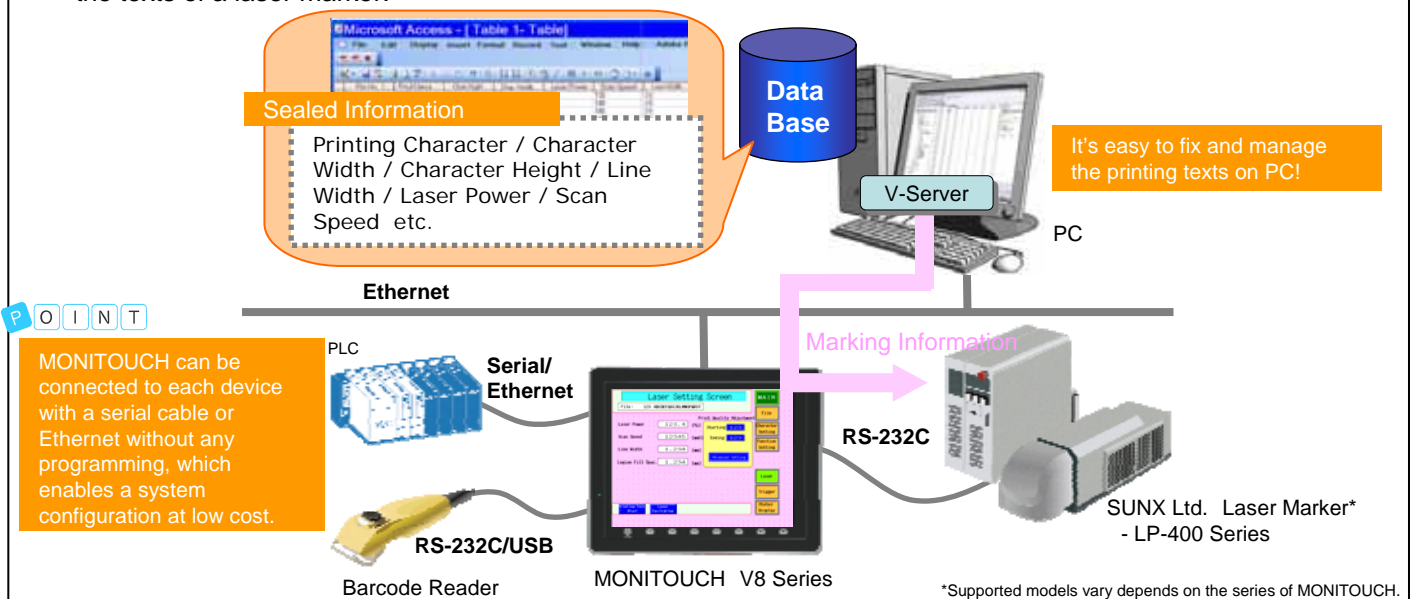
## Application Examples for Laser Marker Connection

### Advantages of Connecting Laser Marker to MONITOUCH

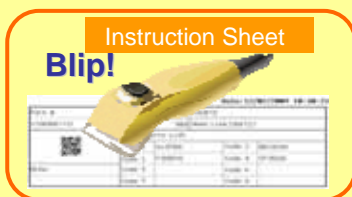
- No programming is required to connect MONITOUCH to a laser marker, and it's possible to configure and operate it as is.
- MES interface function allows you to read out the database, which enables to manage marking information in it.
- MES interface function enables to store marking information in the database, and that makes it much easier to manage Traceability Maintenance.
- You can also use MONITOUCH as a console of a laser marker.

### Application 1. Printing Management System

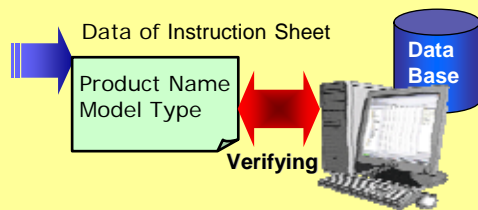
Get marking information from a database by reading 2D code printed on such as an instruction sheet, and set the texts of a laser marker.



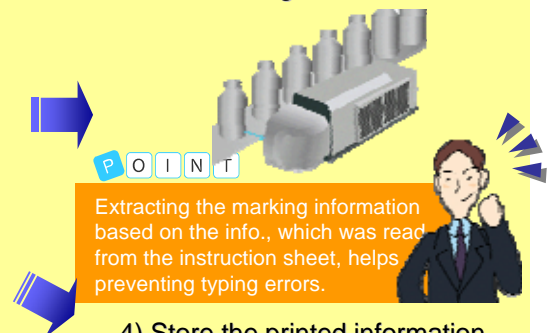
1) Read the 2D code printed on the instruction sheet.



2) Get the marking information from the database based on the readings.



3) Print on products based on the marking information.



POINT

#### [Advantages of using MONITOUCH as a console]

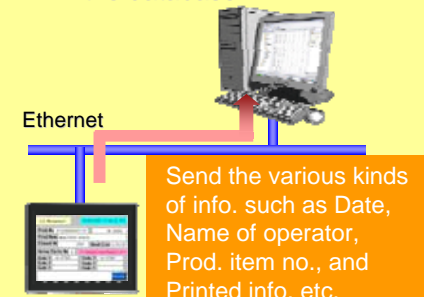
- Improve the visibility and the operability as a console by utilizing a large sized MONITOUCH.
- MONITOUCH's function, 8-way communication enables to send the printed information to PLC easily.



Useful

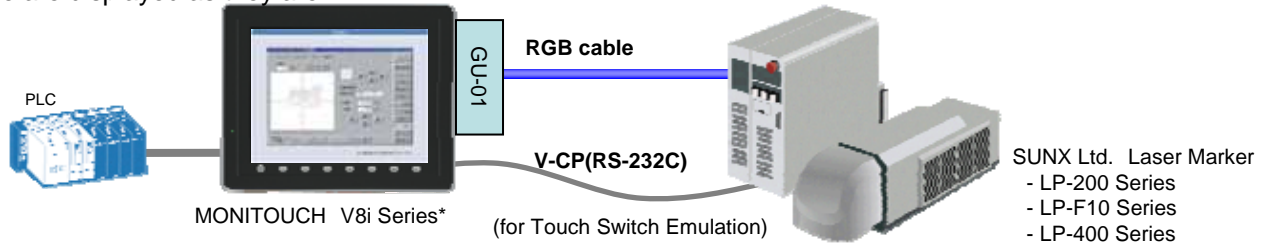
Note: Not all functions of the dedicated console for the laser marker is covered by this.

4) Store the printed information in the database.



## Application 2. RGB Input & Touch Switch Emulation Function

Setting RGB input enables to operate and configure a laser marker without being bothered to configure special screens for laser marker. Plus it's possible to use all functions of the setter, since the screens for console are displayed as they are.



\* Option unit (RGB input unit) is available only with V815iX, V812iS, V810iS, V810iT, and V808iS.

### Point of System Configuration

#### 1) RGB Input Function

Use the option unit "GU-01/GU-10/GU-11" to get RGB signal of the console of a laser marker, and display it on MONITOUCH.



POINT

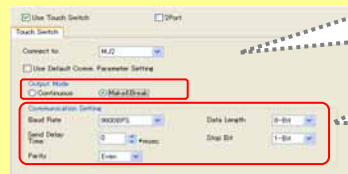
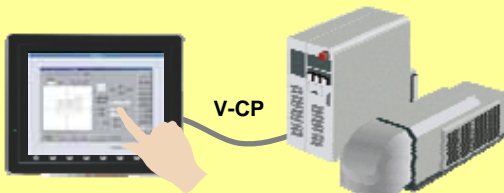
All functions of the dedicated console is usable, because screens for console are displayed as they are.



Attention!

#### 2) Touch Switch Emulation Function

Touch switch emulation function allows touch controls on screens for console of laser marker, which is displayed on MONITOUCH.



**Output Mode**  
**[LP-200/LP-F10 Series]**  
 Select "Make&Break"  
**[LP-400 Series]**  
 Select "Continuous"

**Communication Setting**  
 - Baud Rate: 9,600bps  
 - Parity: Even  
 - Data Length: 8bit  
 - Stop Bit: 1bit

### Free version upgrade of the configuration software V-SFT5



The configuration software (updated version) can be downloaded from the following website.

Website:

<http://www.hakko-elec.co.jp/en/download/09vsft5/index.html#02>