

MONITOUCH PLUS EXPRESS

Application Example for Connecting Temperature Controller

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Advantages of connecting MONITOUCH to a temperature controller

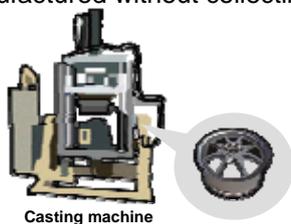
- Low-cost system can be developed as MONITOUCH can be connected with temperature controller without programs.
- Measured values of temperature controller can be logged with an arbitrary period, and they can be saved in CSV format.
- Your man-hours for configuring monitoring/setting screens can be substantially reduced with a pre-defined component part dedicated to the connection with temperature controller.

Shot Information Gathering System for Casting Machine

System that collects production data (temperature/pressure)
and achieves the improvement in production quality

[Traditional Way]

Products are manufactured without collecting production data of each shot such as pressures or mold temperatures.



- Because of bad yield rate, the productivity doesn't increase.
- Since it is hard to analyze the main cause of the variation in quality, any specific plans to improve it cannot be made.



Collecting Production Data by Connecting MONITOUCH + Temperature Controller

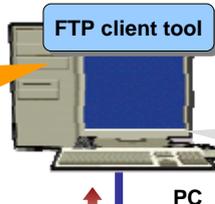
Data can be collected to the upper PC easily.

FTP server function makes it possible to read out the files in CF card or USB flash memory without using any special application.

Verified FTP client tools

- Command prompt (comes with Windows)
- Internet Explorer Ver.6/Ver.7
- FFTP Ver.1.96b (Free software)

No need for special application



Ethernet

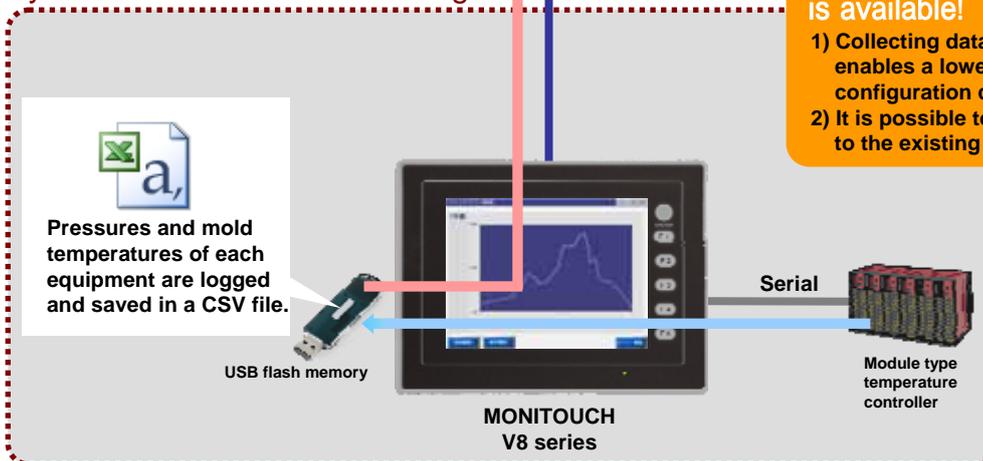


Dairy report creation

The collected production data can also be used as a dairy report. You can save time and effort to create it.



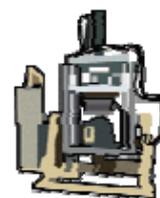
System of Information Gathering



Low-cost system configuration is available!

- 1) Collecting data from analog signals enables a lower-cost system configuration compared to PLCs.
- 2) It is possible to install the system to the existing facilities without difficulty.

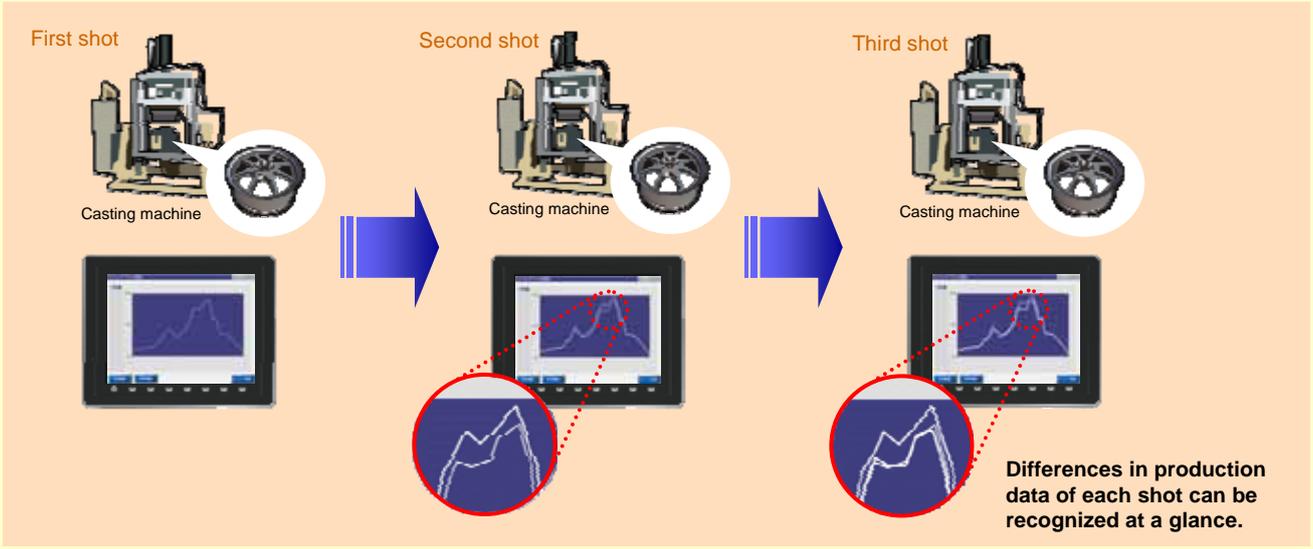
Good



Stronger support for casting equipment is available!

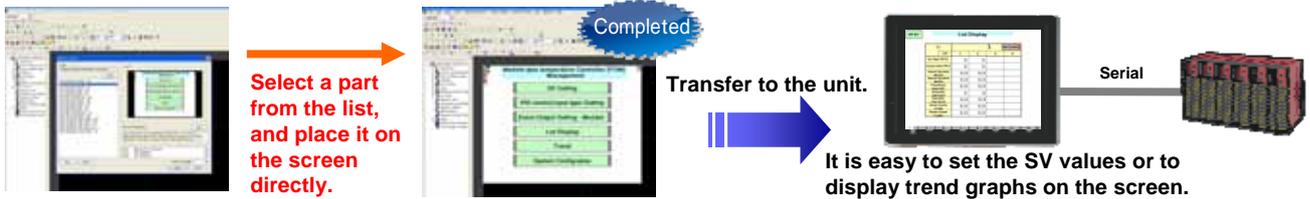
Prevent an outflow of defective products
 Overlapping display of trend graph

Defective products can be detected during the molding process by overlapping the waveforms of each shot.



Component parts can reduce your man-hours for the screen configuration.

“Component part” consists of several components and that operates as one dedicated function. Since all required functions or macro commands are already set, you can configure various kinds of functional screens very easily by just selecting a part from the list and placing it on the screen.



Free version upgrade of the configuration software V-SFT-5



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

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