MONITOUCH PLUS EXPRESS

Application Example for Connecting Various Measuring Devices
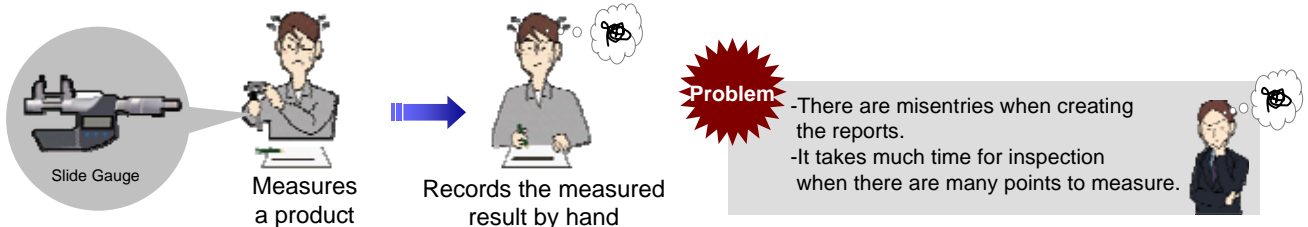
There are various advantages of connecting MONITOUCH with various measuring devices.

- It is possible to collect the measured data at low cost as MONITOUCH can be directly connected with various measuring devices.
- Drastic reduction of man-hour is possible as a measuring result can be recorded on PC at the time of the measuring completion.
- Because a measuring result, which has been sent from the measuring device, is directly recorded, there is no need to worry about the misentry of the inspection result.
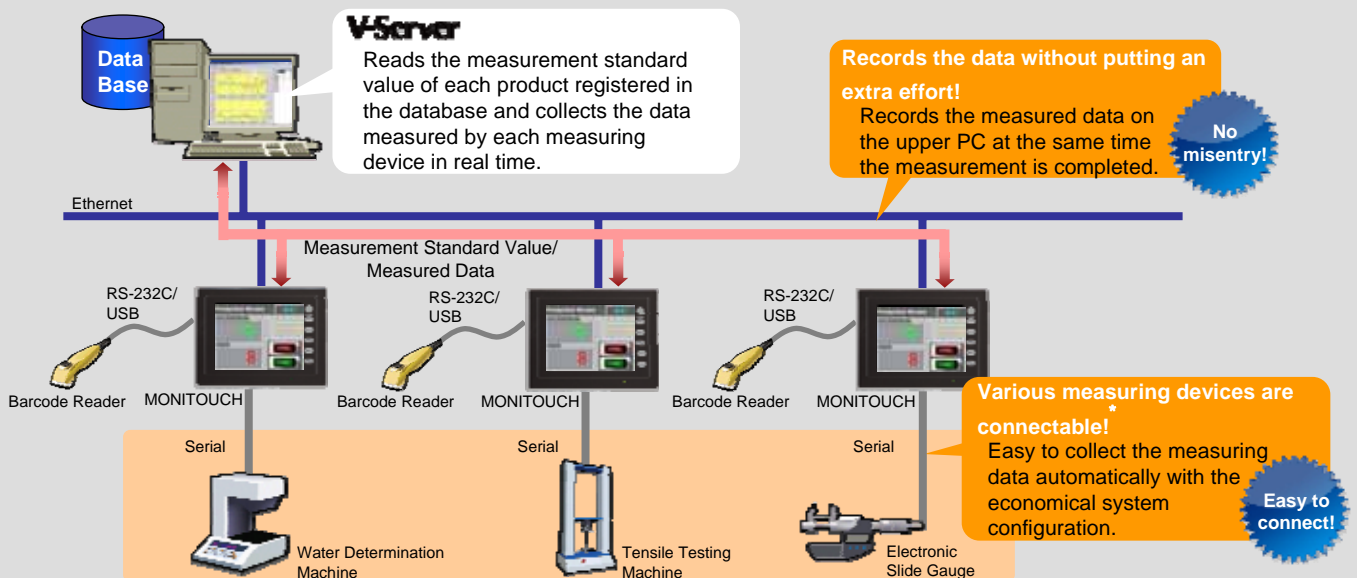- It is possible to prevent nonstandard product failure by real-time quality check at the factory floor.

Quality Control Support System

System that collects the measured data automatically and analyzes the variability/trend of the quality

[Traditional Way] Measures the data and write the result on a paper. Report is made based on the entered information.
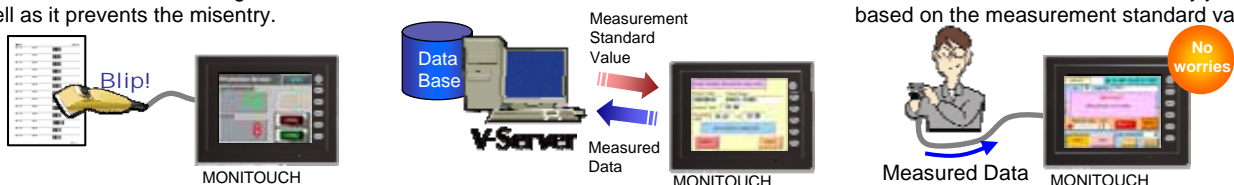
Slide Gauge

Measures a product

Records the measured result by hand

Problem
- There are misentries when creating the reports.
- It takes much time for inspection when there are many points to measure.

MONITOUCH + V-Server makes the inspection operation easier!

Data Base

V-Server
Reads the measurement standard value of each product registered in the database and collects the data measured by each measuring device in real time.

Records the data without putting an extra effort!
Records the measured data on the upper PC at the same time the measurement is completed.

No misentry!

Ethernet

Measurement Standard Value/ Measured Data

RS-232C/ USB

Barcode Reader   MONITOUCH   Barcode Reader   MONITOUCH   Barcode Reader   MONITOUCH

Serial   Serial   Serial

Water Determination Machine   Tensile Testing Machine   Electronic Slide Gauge

Various measuring devices are connectable! *
Easy to collect the measuring data automatically with the economical system configuration.
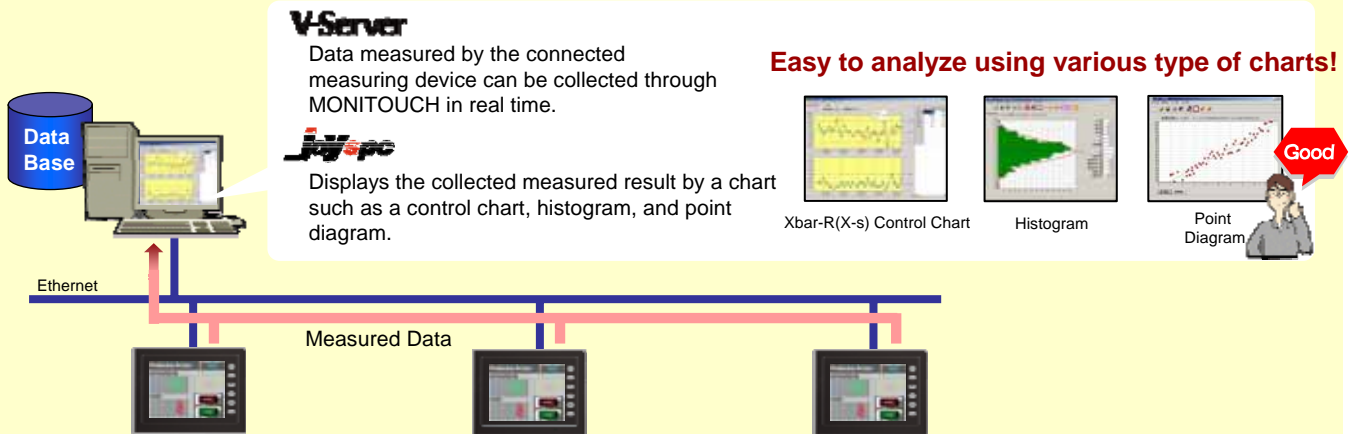
Easy to connect!

[Feature]

1) By reading the information such as a product code and an operator code, it is possible to save time for registration as well as it prevents the misentry.

Blip!

MONITOUCH

2) Reading the measurement standard value and writing the measured data from/to the database are available.

Measurement Standard Value

Data Base

V-Server

Measured Data

MONITOUCH

3) It is possible to prevent a careless mistake since right and wrong of the measured data can be automatically judged based on the measurement standard value.

No worries

Measured Data   MONITOUCH

* Please contact Hakko sales representative regarding the connectable devices.

Stronger support for quality control is available with combination of JOYSPC by JTE!

Trend of the quality data can be grasped in real time.

V-Server

Data measured by the connected measuring device can be collected through MONITOUCH in real time.

JOYspc

Displays the collected measured result by a chart such as a control chart, histogram, and point diagram.

Easy to analyze using various type of charts!

Xbar-R(X-s) Control Chart   Histogram   Point Diagram

Good

Data Base

Ethernet

Measured Data

Quality control information cab be browsed on the Web.

Ethernet/Internet

JOYspc WebAdapter *

Quality Control/Production Control Dept.

Managing the quality trend of defective/non-defective items.

Ethernet

Quality control info. is available on the Web for browsing.

Xbar-R(X-s) Control Chart   Histogram   Point Diagram

Good

* Concurrent access number varies depending on your purchase.

Production Site

Managing the quality data trend of each process.

Additional fruitful functions are available!

- It is possible to export the measuring result screen and the measured data to EXCEL.

- Man-hour for creating a report for customer can be reduced when receiving a claim.

Please contact the following for more information regarding **JOYspc**.

JTE Think Together Make Together

http://www.jte.co.jp

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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/jp/download/09vsft5/index.php

FC e-Front.runners