

# Advancing Variable Data Collection with ATS Inspect

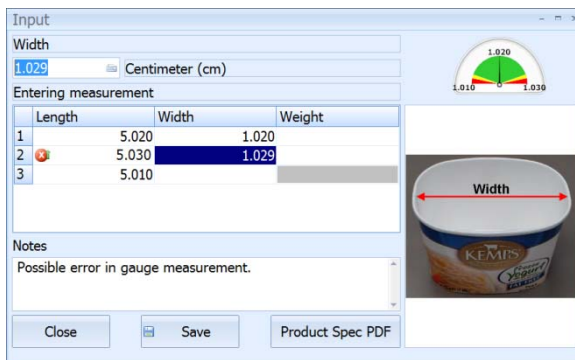
*ATS Inspect has long been the preferred data analysis tool for Six Sigma Black Belts in the attribute data world. We have now crossed the threshold into the variable data world.*

## Variable Data Collect

Variable Data Collect is the new addition to the ATS Inspect application suite that allows operators to record Critical To Quality characteristics such as lengths, diameters, temperatures, voltage and weight.

You can set control limits to alert operators as soon as they enter measurements that are out of specification, allowing them to take the appropriate countermeasures to keep the process in control.

Data can then be viewed in statistical process control charts for real-time analysis.



	Length	Width	Weight
1	5.020	1.020	
2	5.030	1.029	
3	5.010		

## A Flexible Solution

Variable Data Collect can be run on portable devices as well as stationary PC workstations. The ability to enter measurements anywhere means that data can be instantly saved to the database for real-time alerts and reports.

## Made to Measure

Need to customize the data entry screen? No problem. Want to show a chart to the operator? Done. What about entering the values in a custom sequence? Check.

Variable Data Collect can be modified to fulfill the needs of any industry. Your entire plant can record data onto a single database while allowing you to personalize every station as needs dictate.

Need to make some changes further down the line? You can do that yourself. The user friendly and intuitive interfaces allow you to make the modifications you require in-house.



## Total Integration

If you're already taking measurements using electronic devices you can easily link them to Variable Data Collect using serial and USB connections.

The operator can enter measurements both manually and automatically in the same data set, saving time and preventing human error.

## See the Results

The data entered can be viewed in real-time by anyone - from the operator entering the information on the production line to the management team reviewing the numbers in another country.

Variable Data Collect can display the figures in a number of different charts, such as histograms,  $\bar{x}$  charts and range charts.



## Why change?

It's easy to believe that existing methods that have worked in the past are going to work in the future.

This may be true. However, to keep the competitive edge you must always look towards the latest innovations.

This is where you'll find Variable Data Collect. Born from a desire to deliver user-friendly data collection applications to industries requiring flexible software, it can be tailored to any product in any manufacturing location.

## Making Savings

The financial benefits of Variable Data Collect come from many sources.

- Labor and time saved by entering information directly into the database
- Earlier detection of out-of-control trends
- Reduction in rework and scrap
- Better quality sent to the customer

## In Summary

So, now you've seen what Visual Data Collect has to offer:

- Removal of error-prone paper records
- Fully customizable user interface
- Complete integration with existing electronic measuring devices
- A portable method of data collection
- Graphical real-time results
- Savings in time and money

For further information visit our website at [www.ats-inspect.com](http://www.ats-inspect.com)



## About ATS

ATS is an **Independent Solution Provider**, with over 20 years experience and a wealth of experience undertaking Continuous Improvement initiatives and Manufacturing IT solution design, deployments and 24/7 support assignments.

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