



# Measurement Capability Study

Service Data Sheet

PS-X10-100

- Gain critical insight into the ability of your production test systems to manufacture quality product
- Realize increased yields and throughput from recommended process improvements

## Service Description

Agilent's Measurement Capability Study provides statistical analysis on a series of test systems to determine the variability of measurements across multiple test stands. Once the sources are identified, process experts can identify ways to reduce the variation.

## Service Scope

A qualified Agilent technical consultant will conduct an on-site visit to gather test data. Specific tasks that will be performed include:

- Running experiments on multiple test systems
- Using statistical tools to analyze the collected measurement data
- Making recommendations to increase consistency across test stands and reduce measurement errors

After analyzing the data at Agilent, the consultant will return to your site to present the findings. The time required to effectively deliver this service is dependant on the scope for the consulting engagement.

## Business Need

- Improve quality
- Improve efficiency
- Increase production
- Reduce rework

## What You Will Receive

- The services of an Agilent technical consultant
- Control charts showing the results from each test stand
- An analysis to determine the sources of error and variation across test stands
- Recommendations for test process improvement from measurement process experts

## Required From Customer

- Access to test stands
- Access to devices under test (DUT)

## Ordering Information

Contact your local Agilent Sales Representative for a custom quotation.

## Related Services

- Test System Uncertainty Analysis
- Test Code Optimization



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