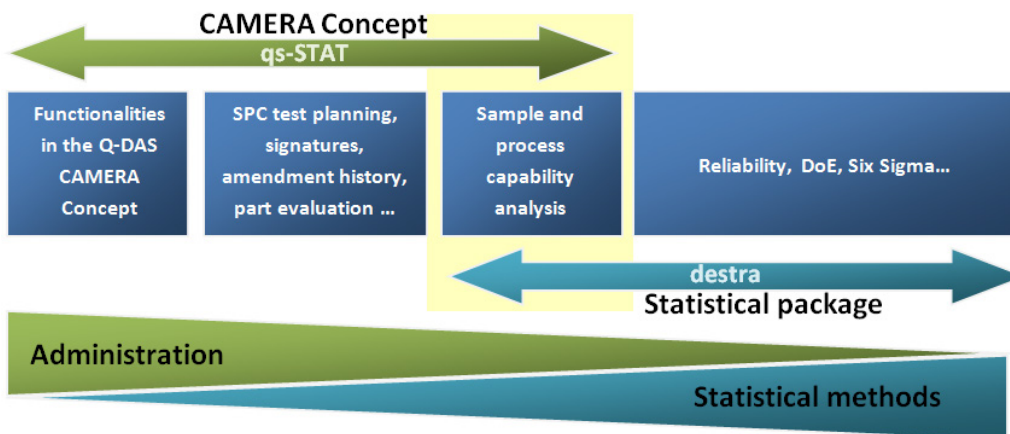




▣ destra[®] or qs-STAT[®]?

The Q-DAS products destra and qs-STAT have some functionalities in common. So sometimes the question arises what the differences between these two products actually are. In order to answer this question, we have to take a closer look at the intended purpose of both products.

qs-STAT is designed as a classical statistical software for the acceptance of manufacturing equipment and process capability analyses. Moreover, qs-STAT is highly integrated into the Q-DAS CAMERA Concept and thus offers many additional options within the scope of the CAMERA Concept that are not feasible in destra.



destra is meant to be a statistical package applied even in the Six Sigma environment. The software covers a wide range of applications.

- Acceptance of machines
- Process analysis
- Measurement system analysis
- Reliability analysis (product life cycle)
- Regression analysis and analysis of variance
- Design of experiments (DoE)

At first glance, destra seems to provide more functionalities than qs-STAT. Some components such as acceptance of machines or process capability analysis are included in both products. Where is the difference?

● Free Choice of Evaluation Method

You may only use a defined evaluation method for measuring system analyses and process capability analyses in destra. Even though you may change the evaluation method, the program always overwrites the existing strategy. By contrast, you may select specifications from industry (Bosch, BMW, Daimler, VW ...) in qs-STAT and you can import new evaluation methods. The number of evaluation methods is not restricted.

● Amendment History

The amendment history records all changes that have been made to measured values and test plans in the program. This function is particularly required in the pharmaceutical and medical industry;

however, the amendment history is not available in destra.

● **Part Evaluation (Grading System)**

In order to gain statistics for characteristics and parts, qs-STAT® calculates a grade from 1-6 for the entire part based on the capability indices of the characteristics corresponding to this very part. Due to this data compression, you obtain a clear evaluation of the quality per type of production part.

● **SPC Test Planning**

In case there are several procilla workstations available, you may distribute test plans to these workstations by means of qs-STAT. The central management of test plans is not possible in destra.

● **Serial Number Traceability**

There might be different ways of how a test part runs through the production process. In order to protocol their way through the production process and make it traceable, you need qs-STAT.

● **Real-time Reports**

Real-time reports include a selection saved to the Q-DAS database, i.e. when opening a report the program also loads the corresponding data from the Q-DAS database automatically. In destra you first select the data manually and only then you may open the corresponding report.

● **Archiving System**

qs-STAT helps you to source out data from a database.

● **Signatures**

You may save reports including the corresponding data by means of signatures in qs-STAT.

● **Configuration Management**

qs-STAT is required in order to manage user and user group settings for Q-DAS products.

● **Database Synchronization**

Only qs-STAT can replicate two Q-DAS databases.

● **CAD Import**

CAD drawings contain information that can be used to create a test plan. destra does not include the integration of CAD files.

● **Reliability Analysis**

The reliability analysis is only available in destra.

● **Design of Experiments (DoE)**

Design of experiments, regression analysis and analysis of variance are not available in destra.

This list clearly shows that the functionalities qs-STAT offers outrun the flexibility of statistical calculation methods. Moreover, it contains additional functionalities applicable to a performance measuring system. And we place the main emphasis on the automation of processes and the management of



data and settings available in Q-DAS products.

Depending on the targets you want to reach by using the software, either destra or qs-STAT is the best choice.



Q - D A S

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