Mar 2025

WATS Feature Release Note
Test step analysis – 25.1 - R2
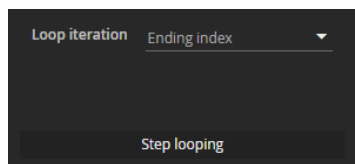
Major Feature Areas

New Features – Details view

The new *Test step analysis* in now out of preview. *Test step yield & analysis* and *Process capability analysis* is marked as legacy and will be discontinued in a later version.
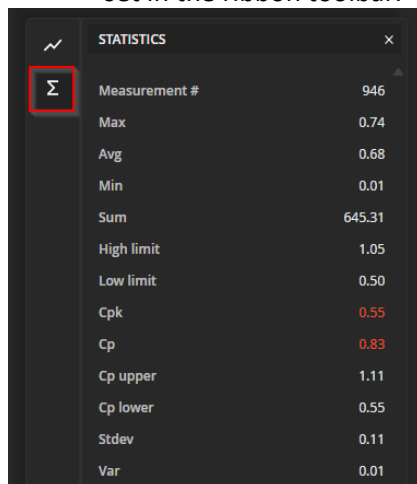
Loop Iteration Filtering

- A loop iteration control has been added to the Workbench ribbon, allowing users to analyse measurements made at any iteration of a **looped step**. This only applies for the Individuals data view.
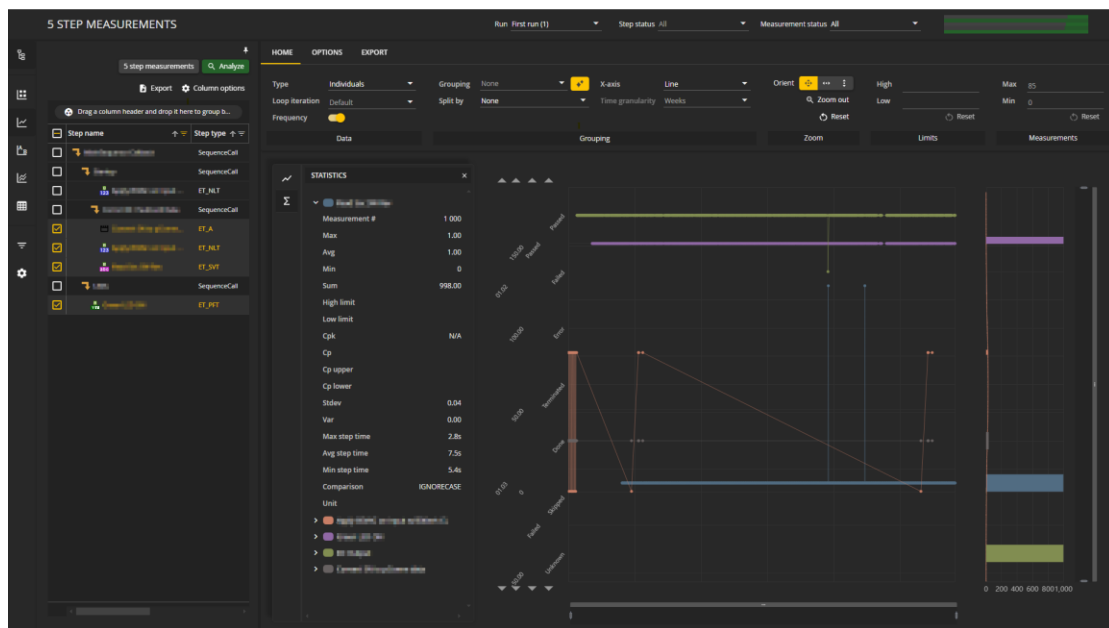

Statistics Tab

- A new statistics tab has been introduced in the Workbench sidebar, displaying key measurement statistics for each analysed step.
    - Statistics will be recalculated based on custom limits and min/max filtering set in the ribbon toolbar.

Enhanced Individuals Charts

- **Type-specific y-axes:** The measurement value series of each analysed step will now display datapoints on axes appropriate to their step type.
    - o Numeric measurements on a numerical y-axis.
    - o String value measurements on a y-axis listing all occurring string values.
    - o Pass/fail measurements on a y-axis with boolean value.
    - o The measurement value series of steps without measurement values will plot the step status on a y-axis listing all status values.

Enhancements – Step details

Improved Charting Experience

- Additional series has been added to the aggregated chart in the workbench view:
    - o High / Low limit
    - o Sum
    - o Max / Avg / Min step execution time
- Alt key box zoom functionality has been added to all charts.
- Axes without visible series are hidden, providing a cleaner user interface.
- Empty charts are replaced with user messages noting that the queried dataset is empty.

User Experience Improvements

- UUT reports opened from the Step chart view will automatically scroll to and highlight associated steps.

- The Step Details link in UUT reports has been updated to direct users to the new Step Details module.
- Settings and visibility of series is now maintained per session in the workbench and step chart views.