

TESTWORK

Powerful Automation Software



EMISSIONS



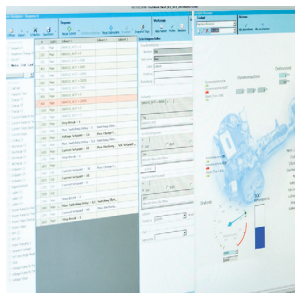
ELECTRIFICATION



CAV



DATA



- Intuitive operation with task-oriented organization of all features
- Fully automated, unattended operation of single test stations or complete test fields
- Multi-level user access for controlling operation configuration rights
- Multi-screen operation for convenient test station and test field control

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TESTWORK

GRAPHICAL USER INTERFACE

Intuitive operation with task-oriented organization of all features
Multiscreen operation for convenient work environment
Easy monitoring and controlling of measurement and system values on the cockpit (dashboard and simplified test station P&ID)
Several Designer tools for task oriented adaption of the GUI

CAN BUS CONFIGURATION

Import .dbc files of CAN devices directly with DBC Designer
Integration of CAN signals into all tools and automation processes
Customized nomenclature of CAN messages

DIAGRAMS & CHARTS

On-the-fly diagram editing and evaluation tools
Live, historical and mixed trend diagrams are always available
Real-time views of polarization curves, voltammograms and Nyquist plots during test runs

AUTOMATION PROCESS MANAGEMENT

Various automated test programs with several break-off conditions, loops and predefined procedures
Unlimited control of all test station components via script programming in Visual Basic Script
Event Processing for the definition of events to execute defined actions in real time level
Simulation mode allows pre-test run script testing
Creation of test reports

MANAGER TOOLS

Easy management of test items, exports, automation instructions, test runs and results
User Manager for safe access to operator levels allowing modification of alarm calibration & control loop parameters

TESTWORK REMOTE API

Test station integration in your automation system
3rd party hardware integration in the test station
Integration of simulation models (e. g. HIL testing with MatLab Simulink)
Test station preparation and test field overview

SUPPORT

Several customer training programs and webinars
Optional TestWork Remote API training and support service
Optional application and automation development

DESIGNER TOOLS & CUSTOMIZATION

Cockpit Designer to create new or adapt existing dashboards, all system and measurement values can be used
GUI Designer for task oriented adaption of GUI
Script Designers for base and real time automation processes

DATA MANAGEMENT

Process data management within a SQL data base for defined data access and flexible data mining algorithms
Continuous data logging with reflexible sampling rates and smart data reduction algorithms
Various export functions, supporting different file formats like XML, XLS, XLSX, CSV, MDF
Triggered or continuous live MDF file creation Also in real time level

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