

## T3 TEST AUTOMATION SUITE



TECOTEC  
Technologies

The screenshot displays the TECOTEC T3 Test Automation Suite interface. At the top, there is a navigation bar with 'ACMTS-SW' and menu options like 'File', 'Procedure Management', 'Device Management', 'Tools', and 'Help'. Below this, the test procedure is identified as 'TEST0HWL2.1.0 - Before Start, Starting and Test' with ID 'HWL1.0.02' and version 'Ver 2024.04.23'. A brief description in Vietnamese states: 'Quy trình (nếu chuẩn và kiểm tra thiết bị đã được chạy (DUT) trong phiên release ACMTS-SW tuân theo tiêu chuẩn ISO 3851-2007, đảm bảo độ chính xác và đồng bộ giữa DUT và thiết bị chuẩn...'. Control buttons for 'Back', 'Stop', 'Run', and 'Next' are visible.

The main interface is divided into three sections:

- STEP:** A vertical list of test steps: 1. Check Connect Device, 2. Check Input Parameters, 3. Calibration, 4. Configure and control the device to be measured, 5. Signal Path Config, 6. Check Variable Configuration, 7. Measure forward transmission parameter S21, and 8. Report. Step 1 is currently selected.
- EVALUATE:** This section shows the current step's details. It includes a 'Notes' field with Vietnamese text: 'Kiểm tra kết nối với thiết bị được đo trước khi bắt đầu đo. Đảm bảo thiết bị được cấu hình đúng theo yêu cầu. Thiết bị được làm nóng lên trước khi bắt đầu đo.' Below this, two device entries are shown: 'DUT Device 1' (ID: HWL1) and 'Reference Device' (ID: Reference), both with IP addresses (192.168.1.100) and ports (8000), and a 'Connected' status.
- DETAIL / TERMINAL:** This section provides a detailed view of the selected step. It shows 'Step 1' and 'Check Connect Device'. A description in Vietnamese reads: 'Kiểm tra quy trình hiệu chuẩn, DUT và đi chuyển theo trục để đặt đầu đo trước theo các điểm đo đã thiết lập.' It also includes a 'Description' field with Vietnamese text: 'Thiết bị chuẩn và đảm bảo DUT đã khởi động theo yêu cầu.'

At the bottom of the interface, there are buttons for 'Pass', 'Failed', 'Save', and 'Quit'. The Windows taskbar is visible at the very bottom, showing the time as 11:08 AM on 19/05/2024.

01

## Features

- Modular and scalable software solution, easily reusable for various measurement fields.
- Standardized taxonomy system for quick and time-saving calibration process development and management.
- Sustainable software platform supporting long-term development, aligned with low-code and future-proof trends.
- Supports international measurement standards, easily integrated with existing systems and equipment.
- User-friendly interface, suitable for both beginners and experts in the measurement field.
- Optimized operating costs thanks to process reuse and automation capabilities.
- Combined with a versatile controller accessory to support control of most measuring devices.

02

## Functions

- Supports calibration according to ISO/IEC 17025 standards, from manual to fully automated operations.
- Allows for the rapid creation of automated calibration procedures in just three steps: create test points, add equipment settings, and build a VISA-Script using the UUT Driver.
- Integrates laboratory measurement uncertainty calculations into the calibration process.
- Supports a wide range of measurement fields: DC & low frequency, RF & microwave, torque, temperature, flow rate, force, humidity, mass, pressure, etc.

03

## Customer groups

- Laboratories, measurement, QA labs, etc.
- Manufacturer groups: Hardware, robotics, etc.
- Development, testing, and operation of clean energy
- Manufacturers of electric and autonomous vehicles
- Complex business operations

04

## Specification

Supports GPIB, USB, and RS232 protocols
Connects to the software network via high-speed LAN
Enhanced security with password protection during connection
Reset function included