

■ Keysight Self-Test & Calibration Quick Checklist

Applies to: EDU34450A, DSOX1202G, EDU3212A, EDU36311A

Warm-Up: ≥ 30 min | Ambient Temp: 23 ± 5 °C | Disconnect: All test leads unless noted

■ 1. EDU34450A Digital Multimeter

- Remove all test leads
- [Shift] → [Store/Recall] → Utility → Instr. Setup → Self Test
- PASS → “Self Test Success” | FAIL → Help → Error View for code

■ 2. DSOX1202G Oscilloscope

Hardware Self-Test

- Warm up 15–30 min
- [Utility] → Service → Diagnostics → Hardware Self Test (~5 min)

Front Panel Test (Optional)

- [Utility] → Service → Diagnostics → Front Panel Self Test → follow instructions

User Calibration (Optional) ■■ Invalidates NIST

- Disconnect probes/cables
- [Utility] → Service → Start User Cal
- Check status: User Cal Status

■ 3. EDU3212A / EDU33210 Function / AWG

- Power on & warm up
- [System] → Instr. Setup → Self Test
- PASS → “Self test passed” | FAIL → Help → Error View
- Replace CR2032 if RTC/clock error (601) appears

■ 4. EDU36311A Triple Output DC Power Supply

- Outputs OFF
- [Utilities] → Instr. Setup → Self Test
- PASS → No errors | FAIL → Help → Error
- (Optional) Calibration Login: State Login → Passcode EDU36311A
- Verify Date/Time, Beep, Display in User Settings

■ Maintenance Reminders

- Replace CR2032 if RTC/timestamp errors
- Disable outputs before self-test/calibration
- Contact Keysight support for persistent errors