9841

Battery Charge and Discharge Test System



AUTOMATIC TEST EQUIPMENT (ATE)



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9841 Battery Charge and Discharge Test System



Features

- Charge Test
- CP-Charge Test
- Discharge Test
- Capability Test (AH)
- Power Consumption Test (KWH)
- Cycle Life Test

Descriptions

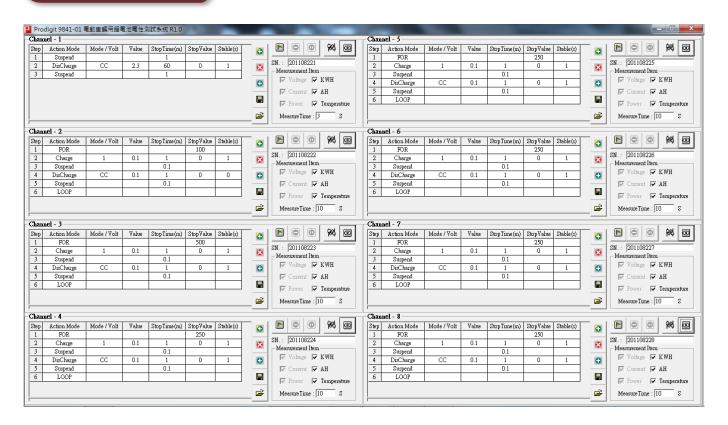
- Provide user define Test Step
- Easy user interface
- Measure Voltage, Current, Power, KWH, AH, Temperature, Reference Voltage
- Accuracy Measure Time
- Easy to see now test progress
- Can cycle test
- Provide Charge, Discharge, Suspend, FOR, LOOP Mode Select
- When Charging, set the stop current to stop charging when fully charged so as to avoid overcharging that will damage the battery. When Discharge, set the stop voltage to stop discharge when discharging to lowest so as to avoid over-discharging that will damage the battery.
- The test result will be stored to ACCESS data
- The test result will be saved to EXCEL CSV format
- When test result data are excess 32000 data, it will be separated automatically during transfer to EXCEL file
- The maximum test procedures you can set are up to 100.

Hardware

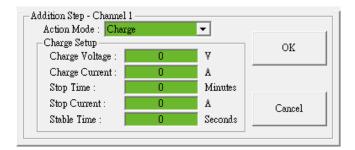


Test Example

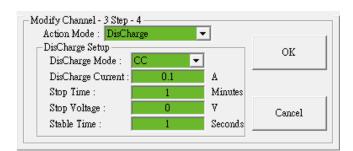
The Start Screen



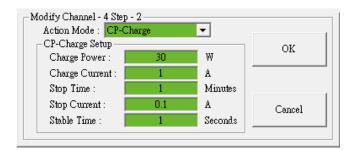
Additional Test Procedure

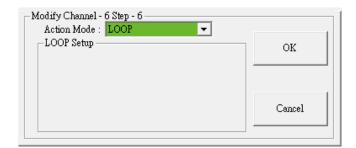




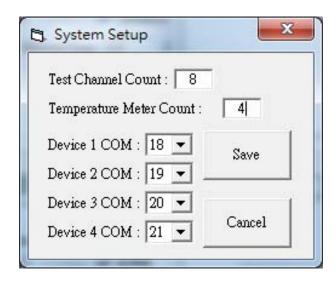




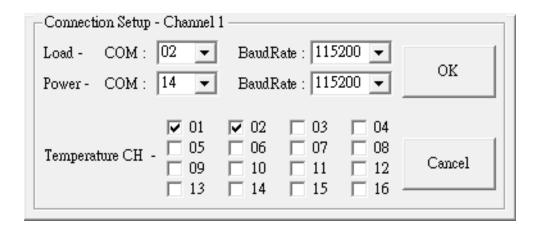




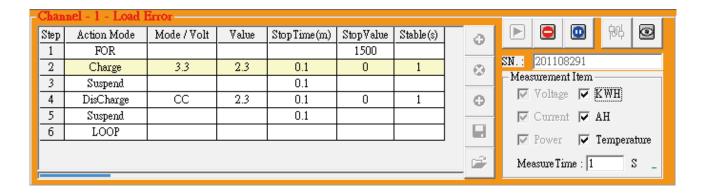
System Setup



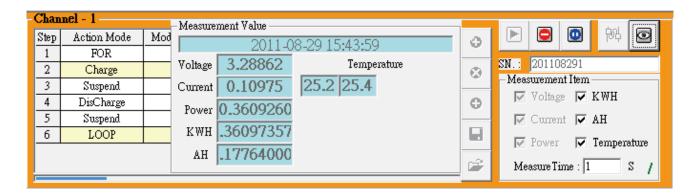
Connection Setup



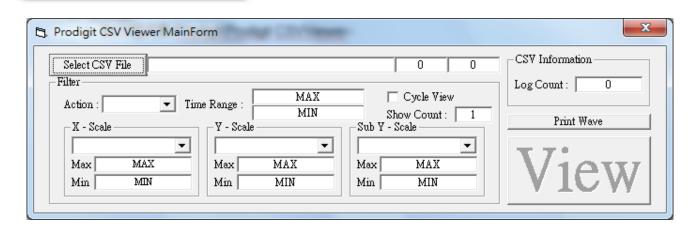
Start Test



Review test data



Review test records



Real time monitoring the test waveform

