

EQUIPMENT





- AN02 (8 Channels)

- AN03 (1 Channel)



Rechargeable Battery Analyzers

AN02 is a multi-channel charge & discharge analyzer for a wide range of rechargeable batteries up to 100V, with discharge power up to 80A.

AN03 is a single channel charge & discharge analyzer and has all the same functions as AN02. Its maximum discharge power is 20A.

- ▶ Merges the charge and discharge ports at the same location. An integrated system for discharging, charging and aging test consecutively as programmed, supporting internal / external charging.
- ▶ Scans barcode to link analyzed results with database.
- ▶ It also has a modularized structure for easy upgrade, maintenance and enhancement of production efficiency.
- ▶ Channels can be linked up in parallel to increase output power.



Working Diagrams

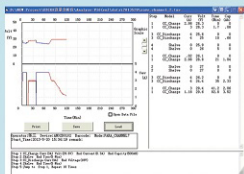


The whole system, including testing procedural design and process monitoring, works through its computer interface.



- ▶ Each computer could control up to 32 channels (4 AN02) simultaneously or separately.
- ▶ A modularized structure enables easy upgrade as well as maintenance, and thus increased production efficiency.
- ▶ Channels can be linked in parallel to increase output discharge power up to 80A.

- ▶ Designed for various rechargeable batteries such as Li-Ion, Li-Co, Li-Mn, Ni-MH, and Ni-CD, etc.



Test results could be:

- ▶ Displayed on screen
- ▶ Stored electronically
- ▶ Generated in graphic curves
- ▶ Printed as report
- ▶ Uploaded by PQTS system



Scans barcode to upload / download analyzed results to / from database.

Specifications (Each Channel)

	Parameters	Range	Margin of Error
Charge	Use Built-in Charger	Voltage	8.4 ~ 54.6V
		Current	Max. 4A
		Power	0 ~ 100W
	Use External Charger	Voltage	1 ~ 100V
		Current	Max. 10A
		Power	0 ~ 1000W
Discharge	Limited Current / Constant Current Discharge Mode	Voltage	0 ~ 100V
		Current	Max. 20A
		Power	0 ~ 800W