CONSTANT CURRENT LOAD TESTER (CCOLT)

BT CCOLT

- Valen's Constant Current Load Tester (CCOLT) is designed to test large batteries or alternators by applying a constant current load.
- Discharge current, cut-off voltage and duration may be manually preset, and the CCOLT will monitor the voltage and time elapsed during a test.
- The CCOLT will automatically disconnect the load once the selected cut-off voltage has been reached.
- The current drawn depends on the model or combination of units up to 1000A at 12, 24, 36 or 48V. Tests may be downloaded via software for filing, reporting or analysing. Using this device, a fixed load current can be applied to a battery, the size of load current applied and period limits depend on the model in use.

A family owned Australian business

VALEN
Powering Excellence

BT CCOLT

BATTERY TESTER SPECIFICATIONS

Testing Capabilities

- Battery capacity measurement
- Cranking amps (CA) and cold cranking amps (CCA) tests
- Alternator testing

Specifications

CCOLT Size	12V 420A - 30seconds (160A - continuous)	24V100A	48V100A
Adjustable Discharging Current	5A-28A with 1A steps 30A-100A with 5A steps 100A-420A with 10A steps (above 160A discharge current the maximum discharging time is 30 seconds)	1A-20A with 1A steps 20A-100A with 5A steps	1A-28A with 1A steps 30A-100A with 5A steps
Current Stability	Better than 2% ± 0.2A	Better than 2% or ± 0.2A	Better than 2% ± 0.2A
Operating Voltage	8.4-13.8V 2% current accuracy 8.4-9V 10% current accuracy 13.8-16V 10% current accuracy	15V-32V	22.5V-48V
Cut-off Voltage	8.4V-11V	15V-22.8V	1.0VPC - 1.95VPC with 0.05 VPC steps
Measured Voltage	8V-16V	15V-32V	8V-16V
Accuracy	Better than 1%	Above 16.8V better than 1%	Better than 1%
Discharging Time	10s, 15s, 30s or infinite (with max. 160A)	10s, 15s, 30s or infinite (with max. 160A)	1s-60s with 1s steps or infinite (with max. 100A)
Discharged Ah Measurement	0.1-1000Ah, 0.4% accuracy	0.1-1000Ah, 0.4% accuracy	0.1-1000Ah, 0.4% accuracy
Dimensions	260x220x270	260x220x270	260x220x270
Weight	7.5kg	7.5kg	7.5kg

Specifications subject to change without notice.

AUSTRALIA
1300 734 253
sales@valen.com.au
www.valen.com.au

NEW ZEALAND
0800 734 253
sales@valen.co.nz
www.valen.co.nz