We test, You fly.

EEST 50-60

Battery tester range, stand alone unit for workshop

- ALL BATTERY TYPES

1 TO 12 CHANNELS OF INDEPENDENT MEASURES

FUNCTION	CHARACTERISTICS ● : *Standard* ❍ : *Option*
Channel selection	● Selection of one channel available even if others are in use
Charging phase	● Constant or variable Intensity/Voltage ● Adjustable from PC, profile, EXCEL file ● On I constant, or variable, limit U max, -ΔV, time, temperature min and max, ΔT°/Δt ● On U constant, or variable, limit I min, times ΔI (%), temperature min and max, ΔT°/Δt ● Temp. protection probe type K, adjustable ❍ Elements voltage measurements and stop or stand by on elements voltage
Discharging phase	● Constant or variable Intensity ● Adjustable from PC, profile, EXCEL file ● U min limit, time, temp. min and max, ΔT°/Δt ● Temp. protection probe type K, adjustable ❍ Elements voltage measurements and stop or stand by on elements voltage ❍ Automatic deep discharge
Stand by phase	● Stand by period adjustable from PC
Cycle	● Choice of phases totally adjustable from PC ● In chronological order or according to conditions ● Repeat cycles ● Sequence of cycles with different phases
Status of channels	● Permanent display of battery status, colour code
Status of test	● Permanent display of data regarding current phase
Errors message and observations	● Error message display ● Automatic storage of all errors during test ● Send by email: errors, observations, message
Blank play	● Check up of all contacts before test lanch
Pause, Stop	● Possibility to pause/stop during the test
Delayed or immediate start	● Select time and date for test start
Results	● Data on test performed and tested battery ● Plan voltage, intensity, temperature ● Restored or absorbed capacity (% and Ah) ● Voltage, Intesity and temperature at the beginning and at the end of phase ● Events happened during the selected phase ❍ Voltage of each battery elements ❍ Average, Min and Max of element voltage
Phase filing	● Automatic filing at the end of each phase (all data, history → traceability) ● Save current data if error encountered ● Archives in network ● Consultation of archives between different benches
Print	● Automatic print of results at the end of test ● Print on demand of the result of one battery for one phase (modification of axes available) ❍ Possibility to print voltage acquisitions
Display	● Display of I, U, T° for each channel in test ● Display zoom on curves ● Display of each channel in test results ❍ Display of elements tension
Intermittent	● Choice of step between prints in automatic mode printing
Inverter	❍ Protection and saving of all data during power cut
Alarm	● Buzzer for check-up level of electrolyte, temperature defect
Custom-designed	❍ Software of piloting and acquisitions (reception, statistics, curves upon request) ❍ CMM programming ❍ Power adjustable on request
Element voltage	❍ Individual measurement of each battery element voltage
Re-balancing	❍ Deep discharge or re-balancing test
Isolation	❍ Automatic isolation measurement
Export data	● To EXCEL

MAIN FEATURES

1 channel of charge/discharge 50V / 60A
Main powers available are indicative ones
(Voltage and intensity in charge and discharge on each channel can be adapted upon request)

Immediate or delayed test start.

Control of voltages under 16 bits.

Temperature Measurement with type K thermocouples.

Alarm for electrolyte level.

Shut down at predefined voltages Min, Max or delta V.

Shut down as a function of time - Protection against temperature defect.

Set up of multiple cycles and / or sequences

Functioning in "local" mode, electronic management, if computer failure.

Possibility of controlling the EEST from a remote location.

Printing and automatic filing of data at the end of the test.

Data protection and results saving and backup in case of power shutdown.

Test result storage and research by user defined criteria.

Curves drawing per phase.

OPTIONAL

Connection systems for battery elements voltage, measurement or deep discharge

ATEQ

MORE THAN 40 YEARS OF CONTINUOUS INNOVATION