

TA-22

Professional 12V battery and 12V/24V vehicle system analyser



The TA-22 is a professional diagnostic tester for 12V lead acid SLI starter batteries and the cranking and charging systems used on cars and trucks. Guided LCD results and immediate printed reports help workshops and fleet operators make clear service decisions.

TEST FUNCTIONS

Test	Battery or system	Primary output
Battery test	12V standalone battery	Voltage, health, charge, internal resistance, measured rating and verdict
Cranking test	12V or 24V vehicle system	Starting voltage, start time and cranking result
Charging test	12V or 24V vehicle system	Loaded and unloaded voltage, ripple voltage and charging result

KEY FEATURES

- Powered directly by the connected battery, with no separate power supply required.
- Clear LCD display with guided testing and five clear battery verdicts.
- Integrated thermal printer for battery, cranking and charging reports.
- USB connection for PC data transfer and printing through the supplied software.
- Fn shortcut can be set to real time voltage or quick test mode.
- Supports nine international battery rating standards.

TECHNICAL SPECIFICATIONS

Model	TA-22 TestMate Auto & Truck
Input voltage range	8V to 30V
Supported battery types	Regular flooded lead acid, AGM flat plate, AGM spiral, GEL and EFB
Display and interface	LCD display; USB PC connection
Integrated printer	Thermal; 57 x 50 mm paper roll
Tester operating temperature	-10°C to 60°C
Printer operating temperature	0°C to 50°C
Storage temperature	-20°C to 70°C
Dimensions	232 x 106 x 62 mm (L x W x H)
Warranty	Limited two year warranty

SUPPORTED RATING STANDARDS

Code	Range	Code	Range	Code	Range
CCA	100 to 2000	DIN	100 to 1400	JIS	26A17 to 245H52
EN	100 to 2000	IEC	100 to 1400	GB	30 to 220Ah
MCA	100 to 2000	BCI	100 to 2000	CA	100 to 2000

IMPORTANT APPLICATION NOTES

- Designed for automotive and truck batteries. It is not suitable for motorcycle batteries.
- For 24V systems using two 12V batteries in series, test each battery independently for battery health.
- For the most reliable 12V battery test, disconnect the battery from vehicle circuitry before testing.
- The tester is not water or dust proof and should be stored in its nylon case when not in use.