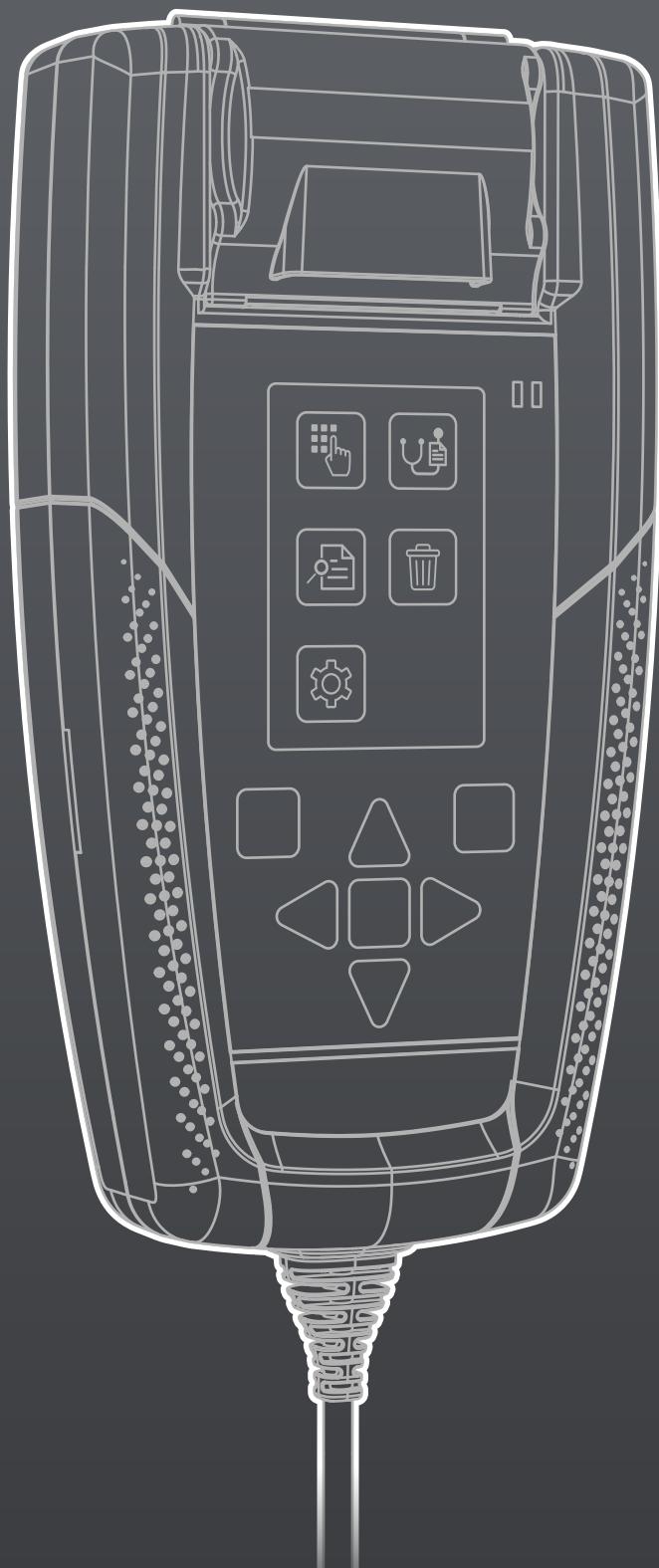


Battery tester

TS|600  
700

TSP|800  
1000



deca®

# TS - TSP line

## VERSATILE, EFFICIENT AND MULTIPURPOSE

### BATTERY TESTER

The vehicles' reliability depends largely on the performance of the batteries and on the correct functionality of the electrical system. DECA Battery Testers, specifically designed for the automotive field, are advanced and complete devices as they are developed to monitor and diagnose not only the batteries, but also the starting and charging of the vehicle, ensuring optimal performance in all conditions.

All models are able to test batteries and perform detailed diagnosis on the starting and charging systems. TSP1000 model, which represents the top-of-the-range, also offers the possibility to verify the grounding circuit of the vehicle, ensuring that the electrical system is well connected and functional, preventing potential problems caused by a bad grounding connection.





WET EFB AGM GEL Li



**Battery testing:** they accurately measure the state of charge and health, the CCA and the internal resistance of the batteries used in vehicles, making sure that they are in optimal conditions. TS 700, TSP 800 and TSP 1000 can also measure lithium batteries.



## STARTER TEST

**Starter motor testing:** they analyze the starter motor's performance, identifying potential problems, which could compromise the reliability of the vehicle.



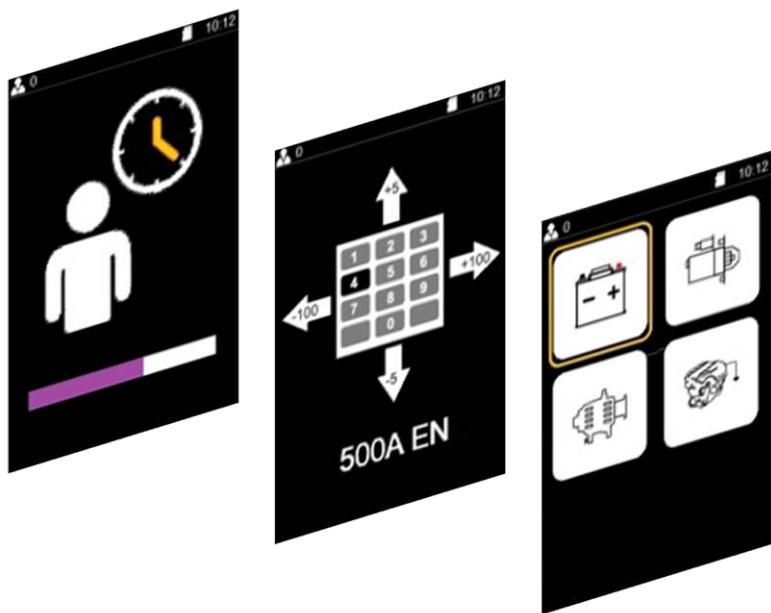
## ALTERNATOR TEST

**Alternator diagnostics:** they check the efficiency of the vehicle's charging system, making sure that the alternator works properly and provide the right voltage. TSP1000 model is equipped with a selection for standard or smart alternator.



## EASY TO USE

**Easy to use:** an intuitive interface and a clear digital display allow an immediate and accurate reading of the results, making the testers easy to use.



**Reliability:** they proactively identify potential problems, preventing sudden failures and improving the electrical safety of the vehicle.



**Versatility:** they offer a complete solution for battery diagnosis, starting systems and charging, simplifying the daily work of professionals.

**Efficiency:** they reduce the time of diagnosis and maintenance, increasing productivity and reducing operational costs for workshops and technicians.

**Portability:** compact and sturdy design, ideal for use in workshops or directly in the field, without compromising the quality and efficiency of the tests.

# TSP 1000



Premium  
clamps



Shockproof  
protective  
case



Barcode  
reader  
(optional)

## 12V Batteries:

WET, AGM-FLAT, AGM-SPIRAL, EFB, GEL, SLI, LiFePo4

Standard: CCA, ??CCA, CA, MCA, EN, EN2, DIN, IEC, SAE, JIS#

40 - 2000 CCA

3 Ah ■ 450 Ah

12V Ground test

12V/24V Cranking test / Alternator test

Voltmeter function

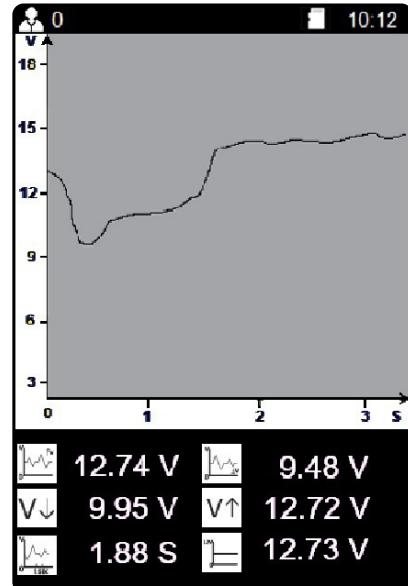
- Real time waveform
- 3.5 inch TFT LCD Display with brightness adjust
- Intuitive icon software
- High Speed Printer
- 4GB SD card Up to 35000 stored results
- Bar Code Reader compatible
- Stock Check Fast Testing
- Easy and real time transfer of Test results via QR code



**Grounding test verification:** TSP 1000 allows to measure the resistance of the vehicle's ground circuit, ensuring that the connection between the chassis and the negative pole of the battery is solid. This test is crucial to prevent electrical malfunctions caused by loose connections or corrosion, improving the overall reliability of the electrical system.

**Printing of results:** TSP 1000 is equipped with an integrated printer, which allows to print the results of the tests.

**Customization of results:** receipts can be customized with the business data of those who perform the test, such as name, address and contacts. For each test, it is possible to add the name and plate of the end customer, and quickly enter the identification code of the battery by scanning the barcode.



# TSP 800



## 12-24V Batteries:

WET, EFB, AGM, AGM-SPIRAL, GEL, LiFePo4

Standard: CCA, IEC, EN, DIN, CA, BCI, MCA, SAE, JIS, GB

10 - 2000 CCA

5 Ah ■ 220 Ah

12V/24V Cranking test / Alternator test

Voltmeter function



# TS 700



# TS 600



## 12V Batteries:

WET, EFB, AGM, GEL, LiFePo4

Standard: CCA, EN, SAE, IEC, JIS, Ah, DIN, MCA, BCI, CA

30 - 3000 CCA

3 Ah ■ 360 Ah

12V/24V Cranking test / Alternator test

Voltmeter function



## 6-12V Batteries:

WET, EFB, AGM, AGM-SPIRAL, GEL

Standard: CCA, IEC, EN, DIN, CA, BCI, MCA, SAE, JIS, GB

10 - 2000 CCA

5 Ah ■ 220 Ah

6V/12V Cranking test / Alternator test



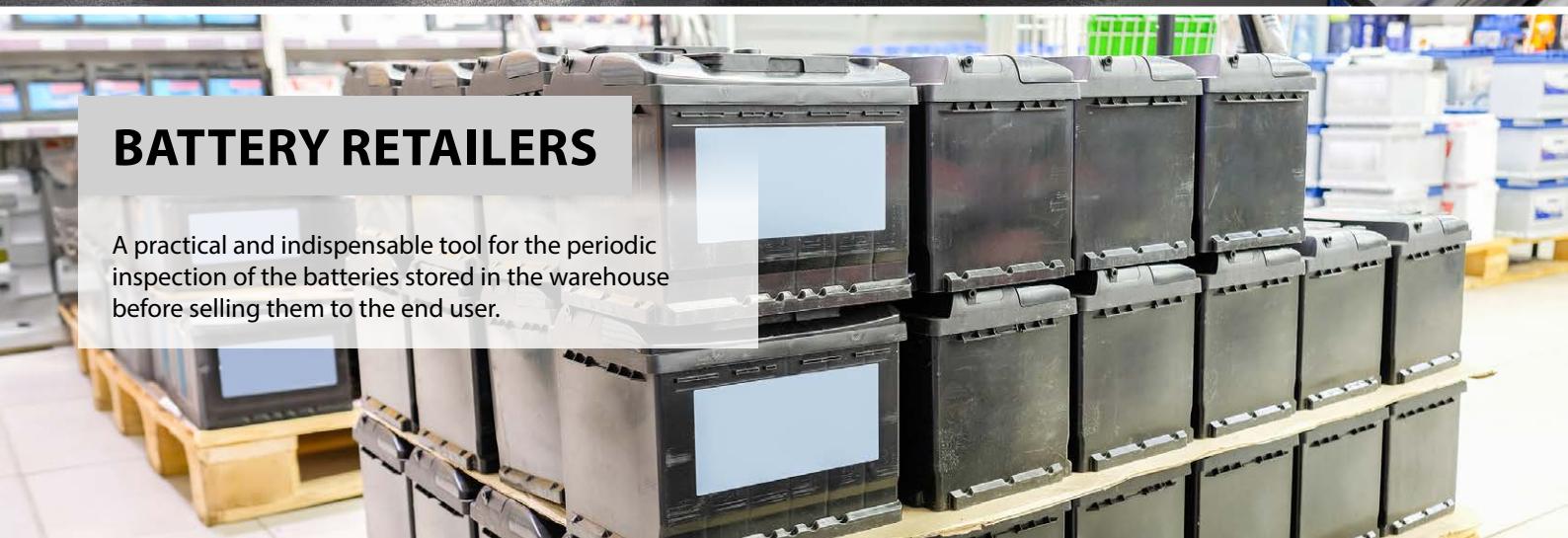
## CAR REPAIRERS

For the complete diagnosis and maintenance of the vehicles' electrical systems, ensuring that each component works properly.



## BATTERY RETAILERS

A practical and indispensable tool for the periodic inspection of the batteries stored in the warehouse before selling them to the end user.



## COMPANY FLEETS

For preventive maintenance and the verification of the electrical conditions of commercial and industrial vehicles, helping to reduce downtime and repair costs.



# TS | TSP



	TS 600	TS 700	TSP 800	TSP 1000
Battery test	6 - 12V	12V	12 - 24V	12V
Ground test	-	-	-	✓
Cranking test	6 - 12V	12 - 24V	12 - 24V	12 - 24V
Alternator test	6 - 12V	12 - 24V	12 - 24V	12 - 24V
Ripple test	✓	✓	✓	✓
Battery capacity	5-220Ah	3-360Ah	5-220Ah	3-450Ah
CCA	10-2000	30-3000	10-2000	40-2000
Selectable batteries	WET, EFB, AGM, AGM-SPIRAL, GEL	WET, EFB, AGM, GEL, LiFePO4	WET, EFB, AGM, AGM-SPIRAL, GEL, LiFePO4	WET, EFB, AGM-FLAT, AGM-SPIRAL, GEL, SLI, LiFePO4
Measure standard	CCA, IEC, EN, DIN, CA, BCI, MCA, SAE, JIS, GB	CCA, EN, SAE, IEC, JIS, Ah, DIN, MCA, BCI, CA	CCA, IEC, EN, DIN, CA, BCI, MCA, SAE, JIS, GB	CCA, ??CCA, CA, MCA, EN, EN2, DIN, IEC, SAE, JIS#
Working range	5-16 V dc	7-30 V dc	8-28 V dc	9-30 V dc
Languages	IT, EN, FR, ES, DE, PT, NL, PL, RU, HR/SRB	IT, EN, FR, ES, DE, PT	IT, EN, FR, ES, DE, PT, NL, PL, RU, HR/SRB, CS	Icon-based
Stock check test	-	-	-	✓
Qr code test result	-	-	-	✓
Temperature compensation	✓	-	✓	✓
Workshop name	-	-	✓	✓
Customer identification in testing	-	-	✓	✓
Display	2,4"	2,4"	2,8"	3,5"
Built-in Printer	-	-	✓	✓
SD memory card	-	-	-	4GB (included)
Tests stored	Last result	20	Last result	35000
Barcode reader (optional)	-	-	-	✓ (011105)
Cable lenght (cm)	73	65	200	200
Dimensions (mm)	134 x 80 x 20	142 x 75 x 26	205 x 90 x 40	250 x 130 x 45
Weight (kg)	0,20	0,21	0,46	0,76
Thermal roll paper	N/A	N/A	57mm x 7m (2 paper rolls included)	57mm x 12m (2 paper rolls included)
Code	<b>420600</b>	<b>420700</b>	<b>420800</b>	<b>421000</b>



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