
Battery Acid Testers and Thermometers





Battery Acid Testers

A battery hydrometer or acid tester is used to test the state of charge of a battery cell. This is performed by measuring the density of the electrolyte, which is accomplished by measuring the specific gravity of the electrolyte. The greater the concentration of sulfuric acid, the more dense the electrolyte becomes.

Vandapower can supply different acid testers:

- different sizes
- with plastic cylinder or glass bulb
- measuring ranges from 1,08 to 1,30 g/ml
- different graduations: 0,005 g/ml or 0,01 g/ml
- different sizes of suction hoses

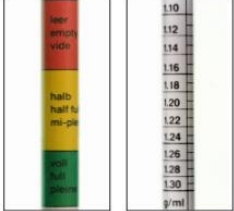


Standard acid tester


Serie 6300



Specifications

Material	Straight plastic cylinder	
Measuring range	1,10 to 1,30 g/ml	
Graduations	0,01 g/ml	
Suction volume	18 ml	
Overall length	255 mm	
Weight	100 gr	

Ordering codes

AK-SP-6300	With suction hose length 52 mm, diameter 5,2 mm	
AK-SP-6320	With suction hose length 140 mm, diameter 5,2 mm	
AK-SP-6322	With suction hose length 130 mm, diameter 3,1 mm	

Extra info

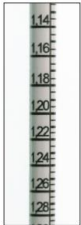
- Universal workshop device
- Sturdy design with straight plastic cylinder
- Small suction volume, but large areometer
- Centered areometer, no swinging, no lateral contact, correct and fast reading
- Broad colored scale and numerical scale

Glass acid tester


Serie 6500



Specifications

Material	Bulged glass cylinder	
Measuring range	1,08 to 1,30 g/ml	
Graduations	0,005 g/ml	
Suction volume	38 ml	
Overall length	328 mm	
Weight	150 gr	

Ordering codes

AK-SP-6500	With suction hose length 52 mm, diameter 5,2 mm	
AK-SP-6520	With suction hose length 140 mm, diameter 5,2 mm	
AK-SP-6522	With suction hose length 130 mm, diameter 3,1 mm	


Extra info

- Large model with bulged glass cylinder
- For large vehicle batteries and stationary accumulators
- Accurate reading through large scale with small graduations
- Suitable for calibration, supplied with calibration certificate on request


Serie 1260



Specifications

Material	Straight glass cylinder	
Measuring range	1,10 to 1,30 g/ml	
Graduations	0,010 g/ml	
Calibration temperature	20°C	
Overall length	± 320 mm	
Weight	140 gr	

Ordering codes

AK-SP12620	With suction hose length 140 mm, diameter 4 mm	
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Extra info

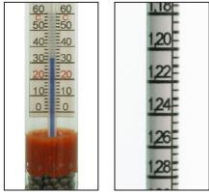
- Large model with straight glass cylinder
- For frequent workshop use
- Precision model, accurate reading

Acid tester with glass bulb and build-in thermometer


Serie 6600



Specifications

Material	Bulged glass cylinder	
Measuring range	1,08 to 1,30 g/ml	
Graduations	0,005 g/ml	
Suction volume	38 ml	
Temperature display	0 to 60°C	
Overall length	328 mm	
Weight	155 gr	

Ordering codes

AK-SP-6600	With suction hose length 52 mm, diameter 5,2 mm	
AK-SP-6620	With suction hose length 140 mm, diameter 5,2 mm	
AK-SP-6622	With suction hose length 130 mm, diameter 3,1 mm	

Extra info

- Large model with bulged glass cylinder
- For large vehicle batteries and stationary accumulators
- With build-in thermometer for temperature reading
- Accurate reading through large scale with small graduations
- Suitable for calibration, supplied with calibration certificate on request

Thermometer

Thermometer Alcohol Liquid



Specifications

Material	Sodocalcique glass
Measuring range	-10°C to +60°C
Graduations	0,5°C
Accuracy	1°C
Overall length	305 mm
Diameter	6 - 7 mm

Ordering codes

AK-TH-10/60	Thermometer, length 305mm, -10/+60°C : 0,5°C
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Extra info

- Solid stem thermometer for daily use
- Non-roll design
- Very readable printed graduation
- Resistant to aggressive agents (except fluoridric acid and hot soda)
- Yellow enamel backing, red liquid
- Total immersion: the thermometer must be immersed at the same level of the temperature read