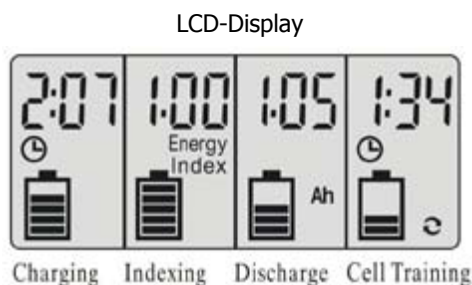


Diagnosing - Forming - Discharging - Charging - Cycling

AV4m - Diagnostic Charger

for NiMH - and NiCd- batteries



Main Features

- Multifunctional professional-charger for AA / AAA batteries
- Constant discharge current for AA= 500mA and for AAA= 180mA
- 3 different charging currents (constant current) adjustable with slid switch
- Display of charge time and battery capacity in four different charge bays - for easy cell matching
- Cycling - The battery will be charged/discharged till no further increase of capacity is registered
- Forming - deep discharged cells will be repaired and faulty detection
- Faulty battery detection, safety timer, battery temperature control, -ΔU battery full criteria

Brief Description

The AV4m is a multifunctional diagnosing- and quick charger for rechargeable batteries especially designed for professional users.

Each of the 4 charging bays can hold 1 NiMH- or NiCd-battery of the dimensions AA (Mignon) or AAA (Micro). Via the selective charging bay choice you can separately or simultaneously charge, discharge, condition and analyze each battery. A slide switch for the selection of the charging current allows you to choose between slow, medium and quick charging time.

The precise charge control, -ΔU battery full criteria, an integrated safety timer and a temperature monitoring for each charging bay ensure that your batteries are optimal charged and protected.

The systematic usage of your AV4m can extend the lifetime of your battery, therefore save your money and make an effective contribution to environmental protection. Using a wide range power supply the charger can be operated in almost every international power network and via 12V car adapter also in your car.

Technical Specifications

Input	
Power Supply Input	100-240 VAC
Frequency	50/60Hz
Charger Input	9...14 VDC
Power	max. 18W
Output	
Output Voltage	4 x 1.45V
Charge Current AA / AAA	1200 / 600mA, 900 / 400mA 700 / 250mA
Discharge Current AA / AAA	500mA / 180mA
Thermic Properties	
Temperature Range	0°C to +40°C
Cooling	Convection Cooled

Dimensions	
Charger (L x W x H)	145 x 70 x 45 mm
Power Supply (L x W x H)	80 x 50 x 80 mm
Weight	400 g include PS
Mains Connection	Power Supply 12V car-adapter
Charging Connection	4 separate bays (AA & AAA)
Certificates	
CE	
Scope of delivery	
Charge, Power Supply, Car-adapter, Operating Instructions	
Article No	
153-04122-380	