

# BaSyTec BCT

Battery Capacity Tester Family

**Measures the battery capacity  
and the internal resistance  
by a defined discharge test**



**For all battery chemistries**

**Compact and portable**

**Simple to use**

**Power up to 600 W  
Current up to 32 A  
Voltage up to 45 V (60 V)**

Research  
Development  
Production  
Quality control

# BaSyTec BCT

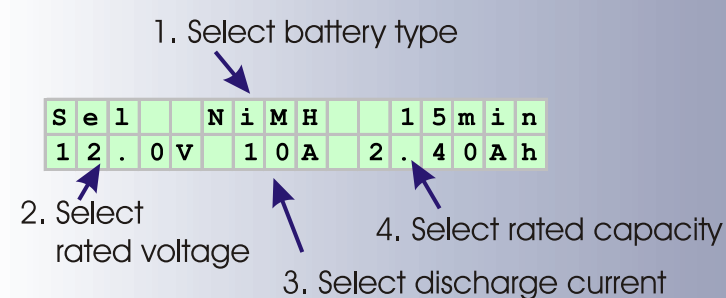
## Battery Capacity Tester Family

### Principle

The BaSyTec Battery Capacity Tester is used for measuring the capacity of NiCd, NiMH, lead-acid and lithium-ion batteries. Therefore a fully charged battery is discharged with a selectable current until the end of discharge voltage is reached. All relevant values are measured and displayed.

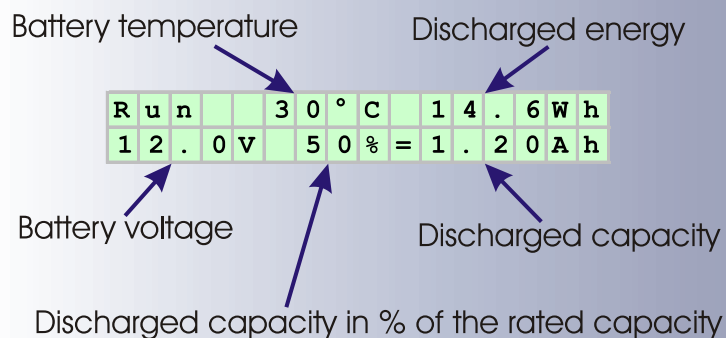
### Simple to use

The BaSyTec Battery Capacity Tester is easy to use. There is no expert knowledge necessary:



5. Press the START button

During the discharge process all relevant data is displayed:



### Applications

- Power tool batteries
- Aircraft batteries
- Boat batteries
- Car batteries
- E-Bike batteries
- Wheelchair batteries
- Other batteries

### Technical data

	BCT250	BCT500	BCT750
Current (1A steps)	1 .. 12A	1 .. 24A	1 .. 32A
Max. discharge power	200W	400W	600W
Voltage	2 .. 45V (60V)	4 .. 45V (60V)	
Operation temperature	- 20 .. 40°C		
Selectable parameters	rated voltage, current, capacity		
Battery chemistries	Li, LiPo, NiCd, NiMH, lead acid		
List of batteries	yes		
End of discharge voltage	selectable		
Cell number detection	automatic and manual		
Battery chemistry detection	automatic (NiCd/ NiMH) or manual		
Accuracy	0.5% of full scale range		
Measured values	voltage, current temperature (NTC) internal resistance		
Calculated values	Ah, Wh, % of rated capacity		
Protection	reverse polarity over temperature		
Display	LCD 2 lines with backlight		
Power supply	12V dc (with ac/dc converter)		
Size (w*h*d)	106*170*204mm	260*150*330	

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