



Comparison of miniZAP[®] LCD and miniZAP[®] Standard

	Feature	miniZAP [®] LCD 	miniZAP [®] Standard 
1	Dimensions (L/W/D) in cm.	63 / 35 / 12 = 26 cm ³ (50% smaller, 33% thinner).	73 / 43 / 18 = 56 cm ³
2	Weight	23 g (34% less)	35 g
3	Error messages acustical	✓	✓
4	Error messages optical For unique assignment, without sequence analysis.	✓	✗
5	Current power setting	Foil keys, 94 steps, 60-1000 µA	Turn wheel / analog, seamless
6	Current power display Control and reproducibility of current power.	✓	✗
7	Current power memory Old current is set when switched on.	✓ (in memory)	✓ (turn wheel)
8	Voltage display Skin resistance traceable, allows exact timing for conductivity gel refresh.	✓	✗
9	Application time display Psychological valueable target setting. Overview over actual application time and total operation (e.g. 84 hrs in 6 weeks).	✓	✗
10	Auto off (after 10 hours) Maximum application time is not exceeded, e.g. when using over night.	✓	✗
11	Two hours signal ON/OFF display Status is immediately clear	✓ (bell symbol)	✗
12	Software version display	✓	✗
13	Cable check mode For loose connection and short circuit.	✓	✗
14	Battery status display	„Low batt“ and „excess consumption“	„Low batt“
15	Current reduction at low batt signal For precise error recognition. User can readjust themselves afterwards.	✓	✗
16	Current power maximum	1000 µA	800 µA
17	Battery life	3 months at 250 µA, 2 hrs daily	3 months at 250 µA, 2 hrs daily
18	Protection against wrong polarity Battery is not discharged	✓	✗
19	Battery change without tools	✓ (by hand)	✗ (small screw driver)
20	Pause timer For refreshing conductivity gel or changing the wrist.	✓ (Timer runs w/o acustical error message)	✗ (permanent error signal)
21	Oscillator error management Exact time and frequency measurement are desireable, even when quarz fails.	✓ (device displays error and continues operation).	✗ (device fails)
22	Scratch resistant case (immune against paint scratches)	✓	✗