Cadex Electronics Inc.
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Battery Maintenance Solutions

Product Specifications

May 23, 2001

	Cadex 7200 Analyzer	***Cadex 7400 Analyzer***
Independent bays	2 Bays	4 Bays
Battery Chemistry	NiCd, NiMH, SLA, Li-Ion, Li-ion/Polymer	
Voltage Range	Li-ion, Li-Polymer 3.6 - 14.4 V NiCd, NiMH 1.2 - 14.4 V SLA 2.0 - 16.0 V	
Capacity/Battery Rating	100mAh - 24Ah up to 4 ampere charge and discharge per station; 2 amp on digital discharge	
Line Voltages	100 – 240 VAC and 50 – 60 Hz; 1.5A max	100 – 240 VAC and 50 – 60 Hz; 1.75A max
Data Port	RS-232 interfaces to computer, serial printer or label maker (Dymo); supports printing of service reports and battery labels. Additional printers are supported by a computer running Cadex Batteryshop™ software.	
Charge Method	Li-Ion/Li-Polymer and SLA: Constant Voltage with Current Limit NiCd and NiMH: constant current with a programmable reverse load from 5% to 12% All chemistries are fully programmable to have various charge rates and limits.	
LCD	80-character LCD program display	
LED	Three Status lights (RUN, READY, FAIL) for each station	
Keypad	Numeric pad with seven function key, two station keys, and four arrow cursors	
Throughput for Quicktest™	The Cadex 7200 Analyzer processes 30-40 batteries per hour	The Cadex 7400 Analyzer processes 60-80 batteries per hour
Environmental	Operating temperature recommended (0° to 45°C) Storage temperature recommended (-40° to +75°C)	
Physical		
Length	12.1” (312 mm)	14.4” (366 mm)
Width	9.4” (240 mm)	11.0” (280 mm)
Height	3.5” (90 mm)	3.8” (100 mm)
Weight	7.1 lbs (3.2 Kgs)	10.05 lbs (4.54 Kgs)
Firmware	Internet upgradeable firmware	
Approvals	Tested and approved by ITS to comply with CSA/UL/CE standards	
Warranty	Cadex warrants your analyzer against defective materials and workmanship for a period of three (3) years from the original purchase date.	

Batteryshop™	
Computer requirements	Windows 9x, Windows Me, Windows NT4 (SP4) installed, or Windows 2000 Professional (SP1) installed; Windows NT4/2000 preferred. Pentium 200 MHZ or better. Minimum 2.5 GB hard drive recommended; 160 MB available disk space necessary. Minimum 32 MB of RAM main memory for Windows 9x; 64 MB of RAM main memory for Windows Me or Windows NT 4.0; 128 MB RAM for Windows 2000 Professional **Note:** RAM requirements increase in direct proportion to the number of analyzers. One system COM port for each Cadex Analyzer unless used with COM port Multiplexers. SVGA color monitor - 256 color and 800 x 600 resolution minimum; Mouse. Dedicated PC recommended for data collection with multiplexers. CD ROM drive (4X or better) Full Installation of Internet Explorer 5.5 or higher is required.
Recommended peripherals	Alphanumeric-capable keyboard emulation bar code scanner. Label printer (DYMO EL60 Labelwriter). Standard Windows compatible printer (for printing reports) with at least 300 x 300 dpi resolution for laser printers and 360 x 360 dpi resolution for ink-jet printers. COM port multiplexers. Cadex-configured connecting cables as needed.