



CCA-200

BENSON MEDICAL INSTRUMENTS

Computer Controlled Audiometer

Intelligent Audiometry

Bring the power of the latest in intelligent automation to your audiometric testing. The Benson Medical CCA-200 delivers extraordinary advantages over conventional microprocessor audiometers.

Innovative IntelliTesting feature understands Hearing Conservation testing. It scans audiograms for test problems, and responds with appropriate solutions. Test and error correction instructions are delivered to the subject through the headset. Previous test information from the database is used to streamline testing. The result is higher quality tests, with less operator intervention, in less time.

The CCA-200 produces 25% to 40% faster test times, installs with minimum cabling, and is compact enough to mount inside the test booth.

- IntelliTesting intelligent software scans during testing, and automatically flags or retests.
- Computer controlled operation for up to sixteen stations.
- Full-page reports with demographic and exposure data on standard paper.
- Test and error instructions delivered through headset in multiple languages.
- Stores unlimited number of subjects and tests.
- Choose the *Plus* package for additional reports and support for multiple companies.
- Operates with leading hearing conservation databases.

SRMi
Consulting, LLC

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**Benson Medical
Instruments Co.**

Audiometer Operation

The CCA-200 provides the ultimate in easy testing - push "Start" and the CCA-200 takes control. The CCA-200 detects a wide variety of subject errors for test validity. Easy-to-use Windows® software gives you total control of up to sixteen audiometers from a single PC.

- Delivers automatic instructions through headset for subject errors multiple languages.
- On-screen audiogram graphs update in real-time and display subject's baseline.
- Auto Retest enhances quality and reduces problem audiograms.
- Mark For Retest reduces manual testing.
- Enhanced test features for 25 to 40% faster testing.
- Programmable test sequences, start and end levels.
- Full manual control.

Subject Data Collection

The CCA-200 has smart features to make data entry as easy as using a word processor.

- No limit to number of stored subjects and audiograms.
- Works real-time with stored database information to perform analysis and make appropriate testing decisions.
- Multi-tasking allows testing, data entry and printing all at once.
- Full-size keyboard eliminates frustration of membrane or non-standard keypads.

OSHA Compliance

The CCA-200 is designed with OSHA 29 CFR 1910 regulations in mind to make your job easier.

- Collects all demographic data required by OSHA.
- Validates entered data to ensure more than just a valid audiogram.
- Available BAS-200 bio-acoustic simulator for required daily biologic calibration checks. In less than 1 minute.
- Exceeds ANSI S3.6-1989 standards for audiometers.

System Requirements: Windows® 95, 98 or NT 4.0, Pentium or better processor, 32MB RAM or greater, 50MB free hard disk. Talkover and Voice Instruction: Soundblaster 16 or 100% compatible full-duplex sound card and microphone. Printer: Windows® compatible.

Reports

The CCA-200 quickly produces full-page reports that are easier to read, handle, and store than strip prints.

- *Subject Averages and Impairments*—all tests with averages, PBI and STS calculations for the current test
- *Subject Notification Letter*—letter notifying subject of the STS results of the current test in English or Spanish
- *Company Roster*—all demographic and test data for each subject

Plus Database Management

Choose the Plus package to add additional reporting power and support for an unlimited number of companies. You can effectively manage several hearing conservation programs using the *Plus* package.

- Unlimited number of companies

Additional Reports (samples available on request):

- *Subject Test*—current test with average calculations
- *Subject Test STS*—current and baseline test with average and STS calculations
- *Subject Summary*—all tests with STS analysis, averages, and audiogram graph for the current test
- *Company OSHA STS List*—list of subject whose current test shows an OSHA STS
- *Company OSHA Recordable Shift List*—list of subjects whose current test shows an OSHA recordable shift
- *Company Summary*—calculates and graphs number and percentage of subjects with hearing loss and whose current test shows an OSHA STS or recordable shift
- *Company Test Schedule List*—list of subjects with no test in a range of dates or since a given date
- *Company Medical Referral List*—list of subjects with a medical referral as defined by AAO-NHS 1996
- *Company Exception List*—list of subjects with missing or invalid data to ensure report validity
- *All Company List*—lists company addresses and options

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