



SRMi
Consulting, LLC

CCA-220

BENSON MEDICAL INSTRUMENTS

Industrial Audiometer

Intelligent Audiometry

Bring the power of the latest in intelligent automation to your audiometric testing. The Benson Medical CCA-220 delivers extraordinary advantages over conventional microprocessor audiometers.

The bright, full-color display, full-size keyboard and mouse offer exceptional ease-of-use. Built-in storage keeps all subject demographics and audiograms for convenient data recall and reporting.

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.

- “Hearing Conservation in a Box” simplifies OSHA compliance.
- Fast, full-page reports with demographic and exposure data on standard paper.
- Back up all your data with convenient backup button and built-in floppy drive.
- Test and error instructions delivered through test headset in multiple languages.
- Stores unlimited number of subjects and tests
- Choose *Plus* package for additional reports and support for multiple companies
- Operates with leading hearing conservation databases.

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**Benson Medical
Instruments Co.**

Audiometer Operation

The CCA-220 provides the ultimate in easy testing - push "Start" and the CCA-220 takes control. The CCA-220 detects a wide variety of subject errors for test validity. Bright and easy-to-read full-color display, keyboard and mouse offer exceptional ease of use.

- Delivers automatic instructions through headset for subject errors in 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-220 has smart features to make data entry as easy as using a word processor.

- Stores unlimited number of 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-220 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.

Reports

The CCA-220 quickly produces full-page reports on the included printer 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. With the *Plus* package the CCA-220 delivers "Hearing Conservation in a Box."

- 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 subjects 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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