



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 Instruments 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.

The 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 to included USB flash drive
- Test and error instructions delivered through test headset in sixteen languages
- Stores unlimited number of subjects and tests
- Choose the Plus Package for comprehensive reports, multiple companies, and network database access
- Operates with leading hearing conservation databases

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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 sixteen languages.
- On-screen audiogram graphs update in real time and display subject’s baseline.
- Automatic Retests enhance quality and reduce 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 testing decisions.
- Extensive user-defined data and comment fields.
- Multi-tasking allows testing, data entry, and printing all at once.
- Full-size keyboard eliminates frustration of using 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, or BAS-200.slm sound level meter for ambient noise level monitoring.
- Calculates STS and OSHA recordable hearing loss with optional age correction (presbycusis)
- 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*
- *Subject Notification Letter*
- *Subject Test*
- *Subject Test STS*
- *Subject Summary*
- *Company Roster*

“Plus” Database Management

With the Plus Package, the CCA-220 delivers “Hearing Conservation in a Box.”

- Network database access
- Manage an unlimited number of companies
- Automatic baseline revision (NHCA 2000)
- Customize notification letters in sixteen languages
- Customize medical history questionnaire
- Daily calibration database with reports
- Customize subject ID lengths and characters
- OSHA and MSHA hearing conservation compliance
- Program import/export formats
- Connects to Microsoft SQL Server 2000™ for superior management and security
- Powerful Extract/Merge tools synchronize data between locations
- May use SQL Server 2000 and Windows authentication to help fulfill HIPAA security requirements

Additional Reports (samples available on request):

- *Company STS List*
- *Company Recordable/Reportable Shift List*
- *Company Summary*
- *Company Test Schedule List*
- *Company Medical Referral List*
- *Subject History*
- *Subject History Questionnaire*
- *Company Exception List*
- *Company Retest List*
- *Company Recordable Shift Line Out List*
- *Company STS Exception List*
- *Company Baseline Revision List*
- *All Company List*

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