SMART TONE Automatic Audiometer

The SMART TONE Automatic Audiometer uses the latest technology to deliver quick and accurate audiograms via an extremely easy-to-use touchscreen with an intuitive icon interface. Gone are the days of "cheat sheets" and having to memorize multiple key functions—now you can simply sit down and use it!

The SMART TONE is a new type of audiometer. It takes the place of old audiometers with small displays and function keys that take months of use to memorize. Included are all the features you'd expect: automatic testing, storage, printing, transfer, and a built-in talk-over microphone. Even better, SMART TONE costs no more than the competition.

Easy to Use

- Touch-and-open to operate, with intuitive icon interface
- Simple to save and print
- Easy data storage and transfer
- Built-in talk-over microphone with volume control and automatic pause
- Performs fast and accurate audiograms
- Saves and transfers results
- Connects to PC via USB
- Cost-effective automated testing

SMART DIAGNOSTIC DEVICES

Accurate and Repeatable Testing

- Automatic printing and saving, with reminder for unsaved audiograms
- Validity Check Feature (checks agreement of 1kHz threshold)
- Detects wide range of testing errors
- Mark for Retest Feature reduces manual testing
- Optional 8kHz testing in sequence
- Visual and audible end-of-test and error alarms
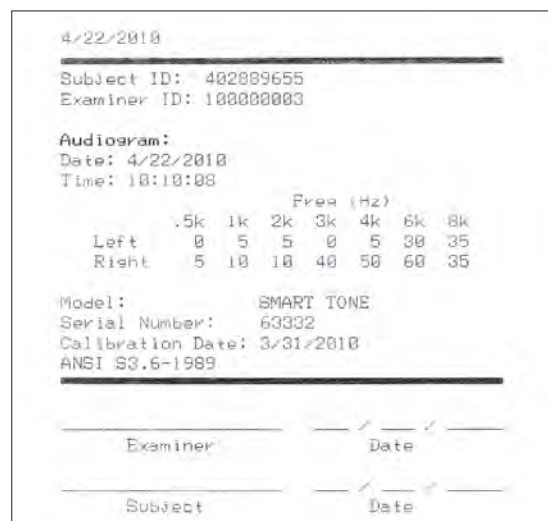
All the Features You Need

- Automatic and Manual Pure-Tone Audiogram
- Screen brightness adjustment
- Smart, streamlined design
- Optional thermal printer
- Auto-ranging medical-grade power supply (EN60601-1 approval)
- Storage for 300 audiograms

Versatile by Design

- Connects to most occupational hearing conservation databases
- USB connection to PC (Windows 7, Vista, and XP drivers included)

Built to Last

- Handsome plastic outer case, with inner metal frame for rugged durability
- Long-life moisture-resistant patient response switch

SMART TONE thermal printer output —60% actual size

Supplied Accessories

- 500117   TDH39 Headset
- 250273   Patient response switch
- 250620   Medical-grade power supply
- 500328   CD with user's manual (PDF format) and Windows drivers
- 100058   Calibration Certificate

Optional Accessories

- 500339   Thermal printer
- 250627   Thermal paper
- 300382-01   Printer cable, 6 ft.
- 500336   Cable kit. Contains: 3 Patch cables (6 ft.), USB cable (2M)

SMART TONE Specifications

Compliance:	ANSI S3.6 and OSHA 1910.95
Dimensions:	8″ x 11″ x 3″
Weight:	5 lbs. with headset and response switch
Case:	Composite aluminum / ABS (Color: PC Bone)
Display:	5.7 inch full-color TFT with touchscreen, LED backlight, adjustable brightness
Storage Temp. Range:	14–122° F (-10–50° C)
Operating Temp. Range:	41–104° F (5-40° C)
Operating Humidity:	Less than 80%, non-condensing
Test Frequencies:	500, 1k, 2k, 3k, 4k, 6k, 8kHz, crystal-controlled
Stimulus:	Continuous (1 second) or Pulsed (200ms pulse, 2.5 pulses/second)
Output Level:	0–95 dBHL ± 3dB, 5dB step
Output Rise/Fall Time:	Not greater than 50msec, nor less than 20msec, 30msec typ.
Distortion:	Less than 3% at full output
Output On/Off Ratio:	Greater than 70dB, 95dB typ.
Transducer:	Telephonics TDH39 10-ohm earphones with MX41/AAR cushions
Power Requirements:	100-240 VAC, 23 Watts max.
Warranty:	One year. Extended Warranty Available

20100614