



**Welch Allyn  
TM 286 AutoTympan System**

Audiometry, Tympanometry  
and Acoustic Reflex

## TM 286 AutoTymp Pure Tone & Tympanometry Screener

The **Welch Allyn TM 286 AutoTymp** system provides flexible screening for tympanometry, acoustic reflex measurements and audiometry to meet your testing needs today and in the future.

The **TM 286 AutoTymp** system is lightweight and portable. It is designed to make detection and documentation of middle ear pathologies fast and accurate.



### Tympanometry: 226 Hz

- Ear Canal Volume (ECV)
- Compliance Peak (cm<sup>3</sup>)
- Pressure at peak of the tymp (daPa)
- Gradient (GR) in daPa (width of the tymp)

The tympanograms and summary information are clearly shown on the crisp LCD once the test is complete. LEDs on the probe guide the tester through the test sequence. All test results can be printed on the internal printer. The ASHA normal box can be shown as a guide on the display and printouts, if desired. A hand-held probe is provided with versions providing 226 Hz only measurements.

### Tymp and Reflex

Ipsilateral reflex measurements may be performed along with 226 Hz tympanometry. The frequencies available are 500, 1000, 2000 and 4000 Hz. All reflex results may be displayed and printed as:

- Reflex tracings and dB HL values
- dB HL values only
- Yes/No response

Any combination of ipsi reflex measurements up to a maximum of four frequencies may be selected.



### Audiometry

Both manual and automated audiometry are available with the **TM 286**. During manual audiometry, the operator controls the selection of frequencies, signal format (steady, pulsed and FM), intensity, tone presentation and identification of the hearing threshold values per frequency tested. For automated audiometry, the test protocol is selected in the Program mode and includes frequencies to be tested, signal format, intensity range and scoring rules. Once the test begins, the test sequence is controlled by the **TM 286** based upon the operation of the optional hand switch by the person being tested.

Test results are displayed as an audiogram on the LCD as they become available. These results can be printed in a tabular or audiogram format.

The standard headset for audiometry is the TDH 39. However, the EAR 3A or 5A insert phones may be added as an option. It is possible to store the calibration values for both the TDH and insert phones so that a button press selects the transducer and its calibration.

### Memory, Printing and Data Transfer

A maximum of 12 test results can be stored in the **TM 286** memory for review and selection for printout.

A built-in printer is available; it provides the ability to obtain hard copies of all test results. Alternatively, the test results can be sent to an optional external printer via the built-in USB port. An external inkjet printer which recognizes the PCL3 or PCL3GUI language format can be selected.

Test results may also be transferred to an external computer for data storage via the second built-in USB port.





**Hillrom™**

## Welch Allyn TM 286 AutoTymp System



### ORDERING INFORMATION

**28600:** TM 286 AutoTymp

**05260-U:** TM 286 Carrying Case

**23220:** Audiometry Patient Response Switch

**23221:** Audiometry Single Patch Cord, 2-Conductor

**23222:** Audiometry Audio Cups

**52600:** TM 286 Printer Paper, 4" Thermal, 1 pkg of 5 rolls

**26100:** TM Eartips (6 sizes, 2 each)

**26008:** TM Eartips 8 mm (box of 25)

**26011:** TM Eartips 11 mm (box of 25)

**26013:** TM Eartips 13 mm (box of 25)

**26015:** TM Eartips 15 mm (box of 25)

**26017:** TM Eartips 17 mm (box of 25)

**26019:** TM Eartips 19 mm (box of 25)

**For more information, please contact your local distributor or Hillrom sales representative at 1-800-535-6663.**

**hillrom.com**

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