Welch Allyn MicroTymp®3 Portable Tympanometric Instrument

Fast, easy and reliable tympanometry for all ages
Get accurate patient data for any age with the Welch Allyn MicroTymp®3

Speed, accuracy and ease of use combine to give you the perfect instrument for your practice.

- Features 1,000 Hz quick-interpretation mode for testing infants under the age of 6 months
- Test in seconds—ideal for young or uncooperative patients
- Convenient cards and sleeve attach to charging base for easy documentation of 1,000 Hz results
- Foreground and background contrast LCD screen for easy viewing
- Three optional forms of information available for 226 Hz—tympanogram, numerical and interpretive data—making it flexible for your needs
- Compare middle ear function measurements side-by-side with easy-to-use graphs (226 Hz only)
- Tests print automatically or on-demand and can produce multiple copies for parent consultation or referral (for 226 Hz only—printing not available for 1,000 Hz)

In today’s fast-paced practice, you need dependable equipment that is easy to use and provides you with dependable patient information. Appropriately diagnosing otitis media is now made easier with the MicroTymp3. Whether fluid in the ear is visible or not, the MicroTymp3 produces an accurate, objective measurement of middle ear status for patients of all ages—including infants less than six months.

In addition to otitis media, the MicroTymp3 also helps detect these other pathologies:
- Perforated tympanic membrane
- Ossicular disruption
- Ossicular dislocation
- Tymanosclerosis
- Cholesteatoma

Now with 1,000 Hz quick-interpretation mode for infants under 6 months

93650 MicroTymp3 Set (includes handle, printer/charger, extra paper and tips)
Get accurate patient data for any age with the Welch Allyn MicroTymp®3

Speed, accuracy and ease of use combine to give you the perfect instrument for your practice.

- Features 1,000 Hz quick-interpretation mode for testing infants under the age of 6 months
- Test in seconds—ideal for young or uncooperative patients
- Convenient cards and sleeve attach to charging base for easy documentation of 1,000 Hz results
- Foreground and background contrast LCD screen for easy viewing

In today’s fast-paced practice, you need dependable equipment that is easy to use and provides you with dependable patient information. Appropriately diagnosing otitis media is now made easier with the MicroTymp3. Whether fluid in the ear is visible or not, the MicroTymp3 produces an accurate, objective measurement of middle ear status for patients of all ages—including infants less than six months.

In addition to otitis media, the MicroTymp3 also helps detect these other pathologies:
- Perforated tympanic membrane
- Patent tympanostomy
- Osseous disruption
- Otosclerosis
- Tymanosclerosis
- Cholesteatoma

Now with 1,000 Hz quick-interpretation mode for infants under 6 months

1000Hz MODE
PASS
REFER

1000Hz MODE
PASS
REFER

93050 MicroTymp3 Set (includes handle, printer/charger, extra paper and tips)
Technical Specifications

Probe Tone
226 Hz Amplitude: 85 ±3 dB SPL
1,000 Hz Amplitude: 83 ±3 dB SPL
Frequency Accuracy: ±2%
Total Harmonic Distortion: 3% Maximum
Signal Type: Continuous Sinusoid
All specifications measured in an ANSI HA-1 (2.0 cc) coupler.

Pressure Measurement System
Direction of sweep: positive to negative pressure
Sweep Rate: 400 daPa/sec average during data acquisition period
Range: +200 to -400 daPa
Display Resolution: 20 daPa
Accuracy: ±15% or ±10 daPa, whichever is greater
Compensation: Auto-zero every test cycle

Admittance Measurement System
226 Hz Mode:
Range: 0.2 to 4.0 mmho total
0.0 to 1.5 mmho for Ya
0.2 to 2.5 cc for +200 Vea
Accuracy: ±0.1 mmho or ±5%, whichever is greater
Positive tail compensation

1,000 Hz Mode:
Range: 0.9 to 16.6 mmho total
0.0 to 6.5 mmho for Ya
0.2 to 2.5 cc for +200 Vea
Accuracy: ±0.4 mmho or ±5%, whichever is greater
Negative tail compensation
*for ear canal volumes ≤2.0 cc

Display Resolution:
0.1 mmho for Ya
0.2 cc for +200 Vea

Weight
Handle: 0.61 lb/0.28 kg
Printer/Charger: 3.98 lb/1.81 kg

Regulatory
The MicroTymp3® complies with the following standards based on the most recent revision available at the time of design:
UL 60601-1
CAN/CSA C22.2 No. 601.1-M90
EN/IEC 60601-1
EN/IEC 60601-1-2
ANSI S3.39 – ANSI Type 4 instrument
IEC 60645-5 – IEC Type 3 Instrument
U.S. Patent No. 5,383,097, Patent Pending

Ordering Information
23650  MicroTymp3 Handle only (includes handle, battery and tip box with 2 tips of each size)
93650  MicroTymp3 Set (includes handle, battery, printer/charger, tip box with 2 tips of each size)

Replacement Tips
24620  MicroTymp3 Tip Box with (2) tips of each size
24621  MicroTymp3 Tips, (4) extra small 7 mm, black
24622  MicroTymp3 Tips, (4) small 9 mm, gray
24623  MicroTymp3 Tips, (4) medium 12 mm, blue
24624  MicroTymp3 Tips, (4) large 16 mm, green
24625  MicroTymp3 Tips, (4) extra large 20 mm, white

Reimbursement Information
Procedures performed with the MicroTymp3 may be eligible for Medicare
Reimbursement using CPT code 92567 Tympanometry (impedance testing).

A WORD ABOUT THE CODING INFORMATION CONTAINED IN THIS BROCHURE FROM THE CURRENT PROCEDURAL TERMINOLOGY, FOURTH EDITION (CPT®).
Please note that the coding information contained here is neither conclusive nor does it ensure that you will be successful in obtaining coverage and/or reimbursement from government and private payers.
Depending on circumstances that will vary from patient encounter to patient encounter, separate reimbursement may or may not be allowed for use of a Welch Allyn product used during a specific procedure or service. Use of the product may be included in the reimbursement for Evaluation and Management services provided by the physician. Please check with the specific payer to confirm whether or not the use of a separate code is acceptable. Welch Allyn does not assume any responsibility for the decisions made by payers regarding payment for procedures involving our devices when the coding information suggested in this brochure is used.

CPT is a registered trademark of the American Medical Association.
CPT Codes © 2006 American Medical Association. All rights reserved. CPT is a trademark of the AMA. No fee schedules, basic units, relative values or related listings are included in CPT. The AMA assumes no liability for the data contained herein. Applicable FAR/DFAR restrictions apply to Government use.

Accessories
72910  MicroTymp3 Replacement Battery
55260  MicroTymp3 Card Holder (included in set #93650)
55270  MicroTymp3 1,000 Hz Documentation Card, 100 each
(starter pack included in sets)

To learn more about the Welch Allyn MicroTymp3, call your local Welch Allyn sales representative or Welch Allyn Customer Service at 1.800.535.6663 opt 3.