

MicroTym 4 Portable Tympanometer Product Specifications		
Technical Specifications	Instrument Type	Meatus compensated tympanometer
	Analysis Performed	Admittance peak level (in ml); Pressure of same; Gradient (in daPa); Ear Canal Volume (ECV) @ 200 daPa
	Probe Tone - Levels & Accuracy	226Hz +/- 2%; 85dB SPL +/-2dB over range 0.2ml to 5ml
	Pressure - Levels & Accuracy	+200daPa to -400daPa +/-10daPa or +/-10% (whichever is larger) over range
	Ear Volume - Measurement Range & Accuracy	0.2ml to 5ml +/- 0.1ml or +/-5% (whichever is larger) over entire range
Reflex Measurements	Measurement Mode	Ipsilateral
	Reflex Tones	500Hz, 1kHz, 2kHz, 4kHz
	Reflex Analysis	Reflex pass/fail at each level tested; maximum amplitude of each reflex (seen on printed report & computer report); pressure at which reflex was performed
Device Specifications	Test Capture	Up to 100 recordings on a full charge
	Test Storage	Up to 32 test records
	Battery	NiMH rechargeable battery pack. Not user replaceable
	Mains Power (to cradle)	100-240Vac; 50/60Hz; 0.2A
	Warm-up Period	None at room temperature
	Display	128 x 64 pixels / 8 lines of 21 characters
	Dimensions	230mm (L) x 115mm (W) x 70mm (H)
	Weight (device and cradle)	650 grams / 1.43 pounds
Standards	Safety	IEC 60601-1 (plus UL, CSA & EN deviations)
	EMC	IEC 60601-1-2
	Performance	IEC 60645-5, Type 2 Tympanometer

MicroTym 4 Configurations		
	93700 System, Complete	93700-NP System, No Printer

Parts & Accessories ✔ = included			
93710	MT4 Charging Cradle	✔	✔
93715	MT4 Power Supply	✔	✔
93720	MT4 Ear Tip Starter Set†	✔	✔
93730	MT4 Probe Tip Cleaning Kit	✔	✔
93750	MT4 Four-Volume Test Cavity	✔	✔
39414	MT4/OAE USB Data Cable	✔	✔
93771	MT4 Printer Cable	✔	✔
39410	MPT-II Thermal Printer Kit	✔	

†For a complete list of MicroTym 4 ear tips, please refer to the product page on www.welchallyn.com

OPTIONAL ACCESSORIES & REPLACEMENT PARTS

93740	MicroTym 4 Probe Tip and Gasket Kit	39412	MPT-II Printer Paper Roll, 1 EA
93760	MicroTym 4 Portable Tympanometer Carry Case	39416	MPT-II Replacement Battery, Li-Ion
39407	MPT-II Printer Power Supply/Battery Charger		

To learn more about the Welch Allyn MicroTym 4 Portable Tympanometer, visit www.welchallyn.com or contact your Welch Allyn sales representative.



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Welch Allyn
MicroTym® 4 Portable Tympanometer



Verify otoscopy findings and empower your diagnosis of middle ear conditions with objective evidence.

The Welch Allyn MicroTympanometry 4 helps you verify middle ear conditions and improve diagnostic accuracy by providing objective analysis of tympanic membrane mobility and condition of the middle ear.

- Tests each ear in as little as three seconds; ideal for pediatrics
- Four-button navigation supports a quick, complete exam in L, R or both ears
- Provides objective middle ear analysis for all patients over six months of age

Features two testing options:

Tympanometry

- Tympanometry
- 226 Hz probe tone
- Tympanic peak pressure
- Admittance at peak
- Ear canal volume
- Gradient

Acoustic Reflex Measurements

- Ipsilateral reflexes
- Four frequencies
- Configurable reflex settings
- Automatic detection



Included TympView software provides a point for patient and parent education and helps support referrals. Results can be viewed on a PC and a PDF copy of the test results can be saved and printed.

In addition to otitis media, the MicroTympanometry 4 helps detect these other pathologies:

- Perforated tympanic membrane
- Patent tympanostomy
- Ossicular disruption
- Otosclerosis
- Tympanosclerosis
- Cholesteatoma



Tympanometry testing helps support antibiotic stewardship

Watchful waiting involves observing children with uncomplicated Acute Otitis Media (AOM) for 48 to 72 hours to allow for spontaneous recovery without antibiotics. The appropriate use of watchful waiting for children with AOM could reduce costs and improve health outcomes.

*Lieberthal AS, Carroll AE, Chonmaitree T, et al. Clinical Practice Guideline: The Diagnosis and Management of Acute Otitis Media. Pediatrics. 2013;131(3):e964-e999



Tympanometry can be reimbursable using the following CPT® code:*
92567, Tympanometry (impedance testing)

*The information is provided for convenience only and represents no statement, promise or guarantee by Welch Allyn concerning coverage or levels of reimbursement. Payment will vary by geographic locality. It is always the provider's responsibility to determine accurate coding, coverage, and claim information for services provided.