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Diagnostic Audiometer With Tympanometer R 25 C (MODEL NO : DIAU 160)



Diagnostic Audiometer With Tympanometer R 25 C Manufactured by Desco Medical India



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Diagnostic Audiometer With Tympanometer R 25 C Manufactured by Desco Medical India Specifications :-

Diagnostic Audiometer With Tympanometer provides a flexible diagnostic device for Tympanometry, acoustic reflex measurement and Audiometry. Compact dimensions, excellent ergonomics and a luminous 7" TFT display: R25C has been engineered to respond to the needs of ENT and Audiology Specialists, operating both in clinic and at patient domicile. R25C offers several options for managing and archiving .pdf test-report files. Thanks to this audiometer, .pdf test-report files can be initially stored in a USB-stick and then either archived into external units or printed thanks to the built-in thermal printer. Reports can be easily edited and customized with additional texts and logos. MDS Suite software allows patient data and tests results transfer to PC. There is no other device offering a wider range of testing capabilities and providing hearing professionals with better features, versatility, flexibility and functionality. This device offers a complete range of diagnostic Audiometry and Tympanometry tests. R25C aims to simplify daily operations and maximize efficiency. Design of accessories maximizes patient comfort for the best and easiest handling of the device. Optional accessories increase flexibility and performance.

General Specifications

TEST TYPES • Tympanometry: Automatic Tympanometry, Acoustic Reflex, Reflex Decay, Quick test: checka and screening, Multifrequency Tympanometry*, • Audiometry: Pure Tone test, Autothreshold, ABLB, Speech Test, Stenger, GAP, DLF. **USER INTERFACE** • Multilingual. **PRINTER** • Built-in fast thermal printer with paper width: 112 mm supplied as standard part. **REPORTS** • Printed on thermal printer, • .pdf report created directly from the device and stored on USB Pen drive with possibility to add patient data and tests comments via the USB Keyboard (optional) • Data transfer to PC using Resonance Management Data Suite. **COMMUNICATION PORT** • Nr.1 USB host type A • Nr.1 USB slave type B. **Tympanometry Specifications** : **PROBE TONE** • 226 Hz for Admittance (Y) curve tympanometry • 678, 800 and 1000 Hz for multifrequency tympanometry with added "B" and "G" curve *. **INTENSITY** • 226 Hz: 85dB SPL \pm 2dB, • 678, 800 and 1000 Hz: 75dB SPL \pm 2dB*. **ADMITTANCE MEASUREMENTS** • Compliance range at 226Hz: 0,05 up to 7ml, • Sensitivity scale: Autoscale to appropriate range; available scale at 226Hz: 1.5, 2, 5ml or 7ml • 678, 800 and 1000 Hz: 0 to +25 mmho*, • Sensitivity scale HF: Autoscale to appropriate range, available scales at 678, 800 and 1000Hz: 5, 10, 15, 20, 25 mmho*. **AIR PRESSURE** • Control: Automatic, • Range: from +200 up to -400 daPa adjustable in 50 daPa steps, • Sweep rate: 50, 100, 200,300 daPa/sec and automatic, • Indicator: Measured value is displayed • Safety limitations: -800 up to +600 daPa. **ACOUSTIC REFLEX TESTS** • Reflex test method: Threshold , Automatic, Manual • Stimulus duration: 0,5 , 1 or 2 sec., • User selectable protocols for all test methods, • Ipsi or Contralateral stimulation for all reflex test, • Automated peak search functions available for all test methods, • Manual Reflex: manual control of all stimuli • Reflex Decay: Threshold , Automatic, Manual, • Stimulus duration: 10 or 20 sec. **FREQUENCIES AND INTENSITY RANGES** • Ipsilateral: – Pure tone level range (dBHL) from 50 to 110 (all version), – Noise level range (dBSPL) from 50 to 100 (all version), • Frequency: 500, 1000, 2000, 3000, 4000 Hz, BBN,HP or LP noise, • Contralateral: – Pure tone level range (dBHL) from 50 to 120 (all version), – Noise level range (dBSPL) from 50 to 115 (all version), • Frequency: 250, 500, 1000, 2000, 3000, 4000, 6000, 8000 Hz, BBN,HP or LP noise, • Accuracy: \pm 1% • Calibration accuracy \pm 3 dB, • Level steps: 1, 2, 5 or 10 dB • On/Off ratio: 70 dB min. **Audiometry Specification** **RANGE** • Frequency range: 125 – 8000 Hz (with DD45), 125 – 12500 Hz (with HDA280), 250 – 8000 Hz (with B71-W). **OUTPUT TRANSDUCERS** • ACR, ACL: 10 ohm DD45 matched pair earphone, (alternatively HDA280 Sennheiser, Insert earphones), • BC: B71-W Radioear; B81 (optional) • Free field output: 600 ohm impedance. **TYPE OF SIGNALS** • Pure tone: sine wave, • Warble: \pm 5% frequency sine wave modulated, modulation: sine wave 5 Hz, • Narrow band noise: 24dB/oct filtered noise, • Speech noise: 1khz 12dB/oct filtered noise, • White noise • External signal • External mike, • Speech material recorded on SD card, • On/Off rise – fall time: 40msec

STIMULUS PRESENTATION MODALITY

- Presentation: Normal, Reverse, Extended (present tone for 1 second from 20dB below the maximum level)
- Modality: Continuous, Pulsed (rate 0,5; 1 and 2 Hz), Alternated (ABLB – 0,5, 1 and 2 Hz)

* R25C-PT only

We are Manufacturer, Exporters and Suppliers of Diagnostic Audiometer With Tympanometer at wholesale competitive prices from India.

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