

Estd. 1966



Clinical Audiometer R 37 A (MODEL NO : DIAU 130)



DELIVERING TO THE WORLD

Clinical Audiometer R 37 A Manufactured by Desco Medical India



Decide with Confidence

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Specifications :-

Clinical Audiometer includes complete range of clinical tests including air and bone conduction tests, SAL and speech Audiometry, up to 20KHz High Frequency Test in a R37A-HF config. Speech multi-language material is recorded in the Resonance SD-Card. Additional languages can be recorded on demand. All configurations aim 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. Compact dimensions, excellent ergonomics and a luminous 7" TFT display: R37A Clinical Audiometer has been engineered to respond to the needs of ENT and Audiology Specialists, operating both in clinic and at patient domicile. Design is user-friendly and allows both device and accessories to be safely carried around in a practical carrying case, available on demand.

Pdf test-report files can be initially stored in a USB-stick and then either archived into external units or printed 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. **TEST TYPES** • Pure Tone test, Autothreshold, ABLB, Speech Test, Stenger, DLI, SISI, Bekesy, Tone Decay, MLB, Multifrequency, High Frequency*, 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, WINDOWS® COMPATIBLE SOFTWARE, • Resonance MDS Management Data Suite.

RANGE • Frequency range: 125 – 8000 Hz (with DD45), 125 – 12500 Hz (with HDA280), 8000 – 20000 Hz (with HDA300)* 250 – 8000 Hz (with B71-W). **ACCURACY** • Frequency < 0,5%, • Distortion < 1%, • Attenuator linearity 1dB per 5dB step, max 3dB whole range, • Range stimuli level -10 up to 120 dB HL

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, • Master Hearing Aid: 1kHz 6, 12, 18, 24dB High pass filters, • On/Off rise – fall time: 40msec. **OUTPUT TRANSDUCERS** • ACR, ACL: 10 ohm DD45 matched pair earphone, (alternatively HDA280 Sennheiser, Insert earphones) • BC: B71W Radioear; B81 (optional) • INSERT: Button receiver, • Free field output: 600 ohm impedance, • Monitor Phone: headset with boom microphone. **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 and MLB – 0,5, 1 and 2 Hz)

• DLI increment levels:

0,1 in steps of 0,1dB up to 1.0dB; 1,5-2-3.4.5 dB

• DLI increment recurrence rates: 0.5Hz, 1Hz, 2Hz

• SISI increment recurrence rates: 0.2Hz, 0.5Hz, random.

Time on 300ms

• SISI increment level: 0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 5 dB

• Bekesy: mode sweep and fixed; Continuous, Pulsed and

LOT; exam duration 30sec and 60sec.

* R37A-HF only

We are Exporters and Suppliers of Clinical Audiometer at wholesale competitive prices from India.

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