

光田醫院沙鹿院區聽力檢查室-聽性腦幹及穩定誘發聽力儀*1

項目名稱及規格說明

廠商檢核
(標示佐證出處或
寫出差異)

聽性腦幹及穩定誘發聽力儀規格：

1. 功能：◎ ABR, ECoChG, MLR, LLR, SN10, P300/MMN, eABR, oVEMP, Cvemp
◎ ASSR: Binaural Testing, 4 Frequency Simultaneous Testing per ear
 2. Transducers：插入式耳機、頭戴式耳機、骨傳導器
 3. Stimulus types：Click, CE-Chirp, Tones, CE-Chirp Octave Bands, Speech stimuli, User File
 4. Click Duration: 100 uSec default (adjustable)
 5. Tone Duration: Up to 500 ms (adjustable)
 6. Tone Window Types: Rectangular, Hann, Blackman, Gaussian, Trapezoidal, Extended Cosine
 7. Rate: 0.1 to 100 per second
 8. Polarity: Rarefaction, condensation, alternating
 9. MASKING Type: White noise, specific level or relative to stimulus level
 10. Frequency Response: Flat to 20 kHz (transducer limits determine roll off)
 11. Maximum Output: 125 dB SPL
 12. D/A：16-bit
 13. Level Accuracy: ±1 dB
 14. Attenuation range：150 dB
 15. Frequency accuracy：± 1%
 16. gain：5000 -200,000 (adjustable)
 17. High pass filter：0.1 Hz -300 Hz
 18. Low pass filter：30 Hz ~5000 Hz
 19. Sample rate：200-40000 Hz
 20. A/D: 16-bit
 21. Common Mode Rejection: ≥ 110 dB @ 1 kHz, 50/60 Hz
 22. Input Impedance：> 10M Ohms
 23. Noise Level：≤ 0.27 uV RMS
 24. Artifact Rejections: Adjustable level (0-100%) and any region within the analysis time window
 25. Line Frequency Filter: 50 or 60 Hz, -12 dB/Octave
 26. Recording Window: -2.5 sec to 2.5 sec (maximum)
 27. Data Points per Waveform: 1024
 28. Digital Filters: Finite Impulse Response (FIR), band pass and notch
 29. Electrode Impedance
 - Measuring frequency: 1000 Hz
 - Range: 1-25k Ohm
- WAVEFORM ANALYSIS**
- ECoChG-Area and SP/AP Ratios
 - Bayesian Weighting
 - Digital filters
 - Split alternating wave form into rarefaction and condensation components
 - Cross correlation of waveforms
 - Automatic SNR (Signal to Noise Ratio) and Residual Noise calculation
30. 主機可直立或掛在牆上，節省空間

標準配備：

1. 主機 x 1
2. 筆記型電腦(或桌機) x 1
3. 插入式耳機 x 1
4. 頭戴式耳機 x 1
5. 骨傳導器 x 1
6. 電極連接線 x 1
7. 電極線組 x 1

註：需可上傳至院內PACS

光田醫院採購案規格書

●●請確認上表規格之廠商檢核欄位，皆有標明佐證出處或寫出差異處，謝謝

廠商檢核蓋章處：
