

Neuropack[®] S3

EDX System

Cleaner, Easier, Faster Data.

CLEANER

- State-of-the-art low-noise amplifier with 18-bit A/D converters and artifact-reduction software provides clean waveforms
- Built-in rejection ratios of 110 dB or greater (differential mode) and 112 dB or greater (isolation mode) limit variations in signals
- Electrode input impedance of 200 M Ω \pm 20% helps ensure clean signals

EASIER

- On-screen examination guide directs electrode and stimulation placement for smooth and efficient examinations
- HL7[®] gateway integration helps ensure quick flow of information and streamlines work flow
- Intuitive control panel and stimulators aid in acquiring and progressing through studies

FASTER

- Customizable protocols shorten examination time
- One-click report generation produces print-ready reports with customized logos, test results, exam waveforms and highlighted abnormal values
- Proprietary all-in-one NCS program performs MCS, SCS and F-wave for quick examinations
- Customized auto-copy settings allow waveforms to be stored and automatically transferred to long-term storage



Specifications

Neuropack S3

AMPLIFIERS

2-channel amp:	JB-962B
4-channel amp:	JB-964B
Input Impedance:	>200 M Ω (differential mode), ≥ 1000 M Ω (common mode)
Noise:	<0.6 μ Vrms or less at 1 Hz to 10 kHz
Sensitivity:	1, 2, 5, 10, 20, 50, 100, 200, 500 μ V/div, 1, 2, 5, 10 mV/div \pm 5%
High-Cut Filter:	10, 20, 50, 100, 200, 500 Hz, 1, 1.5, 2, 3, 5, 10, 20 kHz at 12 dB/oct (\pm 20%)
Low-Cut Filter:	0.01, 0.02, 0.05, 0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50, 100, 200, 500 Hz, 1, 2, 3 kHz \pm 6 dB/oct (\pm 20%)
AC Interference Notch Filter:	50 or 60 Hz (rejection ratio: <1/20)
Amplitude Calibration:	1, 10, 100 μ V, 1, 10mV (within \pm 5%) Skin-electrode contact
Impedance Check:	2, 5, 10, 20 k Ω indication (within \pm 20%)

DIMENSIONS AND WEIGHT

Main Unit:	DC-960B 320 (W) x 42 (H) x 370 (D) mm, 2.2 kg PC Unit depends on the model selected
JB-962 Amplifier:	100 (W) x 135 (H) x 40 (D) mm, .32 kg
JB-964 Amplifier:	185 (W) x 174 (H) x 30 (D) mm, .51 kg

POWER REQUIREMENTS

Line Voltage:	100 to 240 V AC \pm 10% Line
Frequency:	50/60 Hz
Power Input:	75 VA (DC-110B)

ENVIRONMENT

Operating Temperature:	10 to 35°C (50 to 95°F)
Operating Humidity:	30% to 80%
Operating Atmospheric pressure:	70 to 106 kPa
Storage Temperature:	-20 to +65°C (-4 to 149°F)
Storage Humidity:	20 to 80%
Storage Atmospheric Pressure:	70 to 106 kPa



For more information, please contact us at 1-800-325-0283 or visit us.nihonkohden.com



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