

waveguard™ connect

tailored to perfection in clinical EEG



better quality meets great patient comfort.



waveguard™ EEG caps have been known for their quality and comfort for nearly a decade, and the new waveguard™connect caps continue in this tradition. Many smart technologies have been carried forward into the waveguard connect caps, making them a valued asset of many leading hospitals and institutes.

waveguard connect's exceptional comfort is achieved through the use of soft silicone rubber electrode cups instead of the hard, uncomfortable plastic cups that are commonly used in competing caps. waveguard connect caps feature concealed wiring and high density connectors, making the use and maintenance of the caps quick, safe, and easy. The clinical EEG caps lend themselves perfectly

for routine diagnostics where good signal quality is crucial for a valid assessment. The waveguard connect caps come with either 21 EEG channels (standard international 10/20 layout) or 25 channels according to recent IFCN guidelines for clinical EEG. For optimal signal quality, the electrodes are made of solid, pure tin.

Important Features

- Proven design and high quality at reduced cost
- Great wearing comfort for patients, also in supine position
- Several sizes to fit a wide range of head circumferences
- Easy to use, simple to maintain
- Straightforward connection with all major clinical EEG systems (Nicolet®, Nihon Kohden®, Mitsar®, Micromed®, Neurosoft®)
- Disinfectable caps with short drying times
- Available in two layouts with 21 channels (conventional ten-twenty) and 25 channels (IFCN compliant extended ten-twenty)
- No loose wires – safe use and maintenance
- Tin (Sn) electrodes provide excellent signal quality for routine use
- 6 months of warranty
- Low operational and maintenance expenses
- 21 or 25 EEG channels (+ 1 GND & 1 REF)



Example of different cap sizes

Order code	Sizes	Head circumference (cm)		Fabric color scheme		
		Min.	Max.			
CS-3XX.11	L Large	56	61	●	●	●
CS-3XX.10	M Medium	51	56	●	●	●
CS-3XX.09	S Small	47	51	●	●	●
CS-3XX.08	C Child	43	47	●	●	●
CS-3XX.07	I Infant	39	43	●	●	●
CS-3XX.06	B Baby	36	39	●	●	●

waveguard™ caps are CE marked as medical device, have medical device clearance under FDA 510(k), and MDL issued by Health Canada. Manufactured by eemagine Medical Imaging Solutions GmbH, Berlin, Germany, ISO 13485 certified. ANT Neuro and eemagine are part of the neuromotion group.

For more information about waveguard™ connect and the regulatory status in your country, contact us at sales@ant-neuro.com.

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Information in this document is subject to change.

www.ant-neuro.com/products/waveguard_connect