



Waveguard EEG Caps



Advanced head caps for efficient, comfortable, and reliable EEG studies

Waveguard EEG Caps

Waveguard™ reusable EEG head caps deliver comfort, efficiency, and exceptional signal quality in clinical and research applications.

- Optimized electrode shape minimizes induction artifacts (e.g. fMRI, TMS).
- Fast application and short drying times after cleaning.
- Designed for reliability and patient comfort.



Waveguard Net

Rapid application for fast results

Flexible, comfortable, and cost-effective solution for rapid EEG and settings where speed is key.

- Fast and easy: Soak in saline, apply, and record. No EEG tech required.
- No patient head preparation needed.
- Clean signals with silver/silver chloride electrodes and reusable sponge contacts.
- Lasts approximately 500 uses, yielding low cost per use.
- Fast cleaning: Rinse, disinfect, and hang to dry.
- Available in 21-electrode layout.



Waveguard Original

Clinical and research use cases

- Silver/silver chloride electrodes offer high quality signals for clinical and research use cases.
- Coolmax™ breathable fabric and inner lining for enhanced comfort.
- Available in layouts of 64, 32, or 21 electrodes.



Waveguard Connect

Cost-effective for routine clinical use

- Durable tin electrodes are a cost-effective option for routine clinical use.
- Coolmax™ breathable fabric and inner lining for enhanced comfort.
- Available in layouts of 32 or 21 electrodes.

Model	Setting	Material & Layout	Use Time	Patient Prep	Electrode Prep	Is an EEG Tech Required?	Warranty
Waveguard Net	ER, office, hospital	Silver/silver chloride, 10-20	Up to 3 hrs.	None	Soak in saline, dry, and apply	No	15 mo.
Waveguard Original	Hospital, EMU	Silver/silver chloride, 10-20	Up to 24 hrs.	Prepare skin with blunt needle	Gel required	Yes	12 mo.
Waveguard Connect	ER, office, community hospital	Tin, 10-20	Up to 24 hrs.	Prepare skin with blunt needle	Gel required	Yes	6 mo.

Works with All Cadwell EEG Amplifiers Using Touchproof Adapters



Waveguard Net
Touchproof Adapter
Part # 202549-000

Waveguard Original and Connect
Touchproof Adapter
Part # 202540-000



Sizes for a Variety of Patient Populations

											
Large		Medium		Small		Child		Infant		Baby	
Head circumference (cm)											
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
56	61	51	56	47	51	43	47	39	43	36	39
Fabric Color Scheme											
											

Waveguard EEG Caps and Accessories

Product Ordering Details

» Waveguard reusable EEG head caps require an adapter cable for use with Cadwell EEG Amplifiers.

Waveguard Net Caps				
Part #	Electrodes All caps include ground and reference electrodes	Size	Head circumference, min (cm)	Head circumference, max (cm)
202536-000-060	21	Large	56	61
202536-000-050	21	Medium	51	56
202536-000-040	21	Small	47	51
202536-000-030*	21	Child	43	47
202536-000-020*	21	Infant	39	43
202536-000-010*	21	Baby	36	39
Waveguard Net Accessories				
Part #	Description			
202549-000	Adapter for Waveguard Net Cap (Required)			
202550-000	Replacement Cap Electrode Sponges, 50/pk			
202551-000*	Replacement Cap Electrode Sponges, 1000/pk			

Waveguard Connect Caps				
Part #	Electrodes All caps include ground and reference electrodes	Size	Head circumference, min (cm)	Head circumference, max (cm)
202532-060	32	Large 	56	61
202530-060	21			
202532-050	32	Medium 	51	56
202530-050	21			
202532-040*	32	Small 	47	51
202530-040	21			
202532-030*	32	Child 	43	47
202530-030*	21			
202532-020*	32	Infant 	39	43
202530-020*	21			
202532-010*	32	Baby 	36	39
202530-010*	21			
Waveguard Connect Accessories				
Part #	Description			
202540-000	Adapter for Waveguard Original/Connect Cap (Required)			
202546-000	Gel Applicator Blunt Tip Needle, 25/pk			
202547-000	Gel Applicator Syringe, 100/pk			
202543-000*	Adjustable Chin Strap			
202544-000*	Chin Pad			
202548-000*	Cap Holder Rack			

Waveguard Original Caps				
Part #	Electrodes All caps include ground and reference electrodes	Size	Head circumference, min (cm)	Head circumference, max (cm)
202535-060*	64	Large 	56	61
202533-060	32			
202531-060	21			
202535-050*	64	Medium 	51	56
202533-050	32			
202531-050	21			
202535-040*	64	Small 	47	51
202533-040*	32			
202531-040	21			
202535-030*	64	Child 	43	47
202533-030*	32			
202531-030*	21			
202535-020*	64	Infant 	39	43
202533-020*	32			
202531-020*	21			
202535-010*	64	Baby 	36	39
202533-010*	32			
202531-010*	21			
Waveguard Original Accessories				
Part #	Description			
202540-000	Adapter for Waveguard Original/Connect Cap (Required)			
202545-000*	Fastfix Electrode			
202546-000	Gel Applicator Blunt Tip Needle, 25/pk			
202547-000	Gel Applicator Syringe, 100/pk			
202543-000*	Adjustable Chin Strap			
202544-000*	Chin Pad			
202548-000*	Cap Holder Rack			

Note:

*special order item with additional lead time

ORDER ONLINE

estore.cadwell.com

CONTACT SUPPLIES & ACCESSORIES

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