



Quik-Cap EEG™

Electrode Application System
for Advanced Research & Routine EEG Diagnostics



Quik-CapEEG™ *Electrode Application System*

Place, Secure - Record

Compumedics Quik-CapEEG has it all: Quick, consistent application, quality recordings and fast clean-up.

Compumedics is proud of our innovation for the diagnostic research and clinical EEG industry. Quik-CapEEG is a cap-based electrode application system designed to provide speedy, consistent application of up to 256 electrodes in the most demanding research and clinical EEG environments. Combined with our QuikCell® system, Compumedics offers the flexibility of cap-based recordings and the precision of manual placement without sacrificing the quality of data collection. We've utilized our 8+ years of experience in building quality electrode caps for both research and clinical EEG applications. Quik-Caps are manufactured of highly elastic breathable material with soft Neoprene electrode gel reservoirs for enhanced patient comfort. All electrodes are placed according to the International 10-20 placement standard. Quik-Caps are available in a wide variety of electrode configurations from 16 to 256 channels in 5 different sizes and with a variety of electrode materials to meet your laboratory needs. Quik-CapEEG is designed to provide fast, consistent and cost-effective electrode applications with easy clean-up, thereby maximizing lab results and return on investment.

Quik-CapEEG Offers Proven Time Savings

- Fast placement using easily identified landmarks
- Minimal patient marking required
- Minimized measurements needed as Quik-CapEEG is pre-measured and symmetric
- Consistent application from trainee to expert

In addition to the obvious time savings, Quik-CapEEG incorporates features that enhance patient compliance. Increasing patient comfort and compliance will allow you to get better results - even with the most rambunctious pediatric patient.

Patient Compliance

- Comfortable, lightweight, breathable material
- Reduced preparation time
- No odor and less mess
- Fast, easy removal and clean-up
- Child and fidgety-patient friendly
- Secure integrated chin-strap

Productivity gains delivered by the Quik-CapEEG benefit the technologist as well. By addressing a myriad of small issues, the Quik-CapEEG can relieve the burden of simple daily tasks.



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Quik-CapEEG - Two Methods of Application

Technologist Advantages

- Cap-based electrodes won't fall-off
- Blunted-tip conductive gel delivery
- No wire tangling
- Convenient cable management with single point connection
- Simple clean-up for re-use

In addition to productivity gains, happier patients and less stressed technologists, the Quik-CapEEG can also benefit overall lab operations. Our simple design offers cost savings and convenience as well.

Lab Management Advantages

- Designed for reduced waste
- Requires fewer, less costly supplies
- Improves technologist productivity
- Compatible with most EEG systems
- Available with durable sintered Ag/AgCl electrodes for the highest quality recordings and do not require re-chloriding

Finally, Quik-CapEEG benefits reach the medical director and reading physicians. Delivery of consistent, quality, trackable and repeatable studies are facilitated with Quik-CapEEG.

Medical Director Advantages

- Quality assurance through consistent placement
- Tested and validated in leading research labs and facilities

Gel (Routine EEG, AEEG, PSG)

- Have patient brush hair, leave straight.
- Identify landmarks.
- Place cap according to landmarks.
- Using a blunt-tip needle, fill the electrode cups with Compumedics Quik-Gel™
- Connect to EEG system using optional interface adaptor.



Only conductive gel and a blunt-tip syringe are required for fast set-up.



Unique blunt tip delivery helps part hair and obtain good impedance values.



Close-up of electrode cup shows reservoir with gel.

OR Cell (Routine EEG, High density EEG)

- Apply QuikCells in cap.
- Have patient brush hair, leave straight.
- Identify landmarks.
- Place cap according to landmarks.
- Insert the blunt tip, calibrated pipetter (optional) all the way through the electrode hole to the bottom of the QuikCell sponge.
- Hydrate and reduce impedance. The unique QuikCell design ensures low and stable impedances for up to 4 hours and that the electrolyte will not bridge.
- Connect to EEG system using optional interface adaptor.



QuikCell application system



QuikCell expands to provide positive scalp contact and a conductive bridge



Precision volume delivery to prevent over saturation

Quik-CapEEG Technical Specifications

- Quik-CapEEG is available in configurations ranging from 16 electrodes to 256 electrodes
- Manufactured with breathable fabric
- Soft neoprene electrode reservoirs conform to head
- Secure integrated chin strap
- Available in four choices of electrodes: tin, gold, Ag/Cl and Ag/AgCl Sintered

5 sizes to cover your entire patient range:

Newborn (34-40cm)

Infant (42-48cm)

Child (48-54cm)

Medium (54-62cm)

Large (62-68cm)

Terminates into a 40 position IDC connector

Requires (optional) adaptor to interface to amplifier.

Connectors Supported:

Quik-CapEEG is compatible with most industry EEG amplifiers via optional interface cables:

- Quik-CapEEG to SynAmps adaptor (specify number of electrodes)
- Quik-CapEEG to Female 1.5mm Touch-proof DIN Connector (specify number of electrodes)
- SynAmps2®

Compumedics Quik-CapEEG is covered by a 6 month limited warranty, see user documentation for details.

Customer Comments

After using the Quik-Cap for some time now, I am confident that I can obtain the same quality of recordings in less time while maintaining comfort of the subject.

KS

As a registered EEG and PSG technologist with many years of teaching experience, I knew I could not use the cap unless it met the same quality I could get with measuring the head and a standard electrode application. After using the cap, I am convinced that I can obtain the same quality of recordings in less time and maintain comfort for the patient. I also find that training new technologists to do accurate and consistent set-ups is much faster.

MC R. EEG/EP T., RPSGT

I am a REEG T. and have always used collodian. I was testing a new system and had only 20 minutes to hook up a patient and begin recording. The request was for 64 recording channels. The Cap was labeled, the placement was fast. I finished on time and the impedances were all actually 7-10Kohms.

I am a convert and I now am comfortable using a Quik-Cap!
KC R. EEG T.

Since 1987, Compumedics Limited has emerged as a world leader in the design, manufacture, and sales of diagnostic sleep, neurophysiology, research and transcranial Doppler systems. Compumedics design expertise in the area of portable physiologic recorders and wireless data transmission is just one reason for our continued double digit growth in the USA year after year. Compumedics is improving people's lives through innovative products, exceptional service and a full range of consumables and accessories brought to you by dedicated people who care.

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All specifications are subject to change without notice.
Please contact your Compumedics representative for latest technical information, pricing and product availability.
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