Electrode Application System
for Advanced Research & Routine EEG Diagnostics

Quik-CapEEG™

NeuroMedical Supplies
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-Cap®EEG 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 collected. 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 high-quality 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 application 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-Cap®EEG 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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Only conductive gel and a blunt-tip syringe are required for fast set-up.

QuikCell application system
Close-up of electrode cup shows reservoir with gel.

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

QuikCell expands to provide positive scalp contact and a conductive bridge

Precision volume delivery to prevent over saturation

• 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.

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.

Quik-CapEEG - Two Methods of Application

OR Cell
(Routine EEG, High density EEG)

Gel
(Routine EEG, AEEG, PSG)

Technologist Advantages
• Cap-based electrodes won’t fall-off
• Ventilated for conduction and delivery
• No wire tangling
• Convenient scalp management with single point connection
• Peel away for easy use

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

Lab Management Advantages
• Designed for reduced waste
• Requires fewer, less costly supplies
• Minimizes surface-related problems
• Available with disposable sintered Ag/AgCl electrodes for the highest quality recordings and do not require re-chloriding

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

Medical Director Advantages
• Quality assurance through consistent documentation
• Tested and validated in leading research labs and facilities
• Simple, fast and accurate inpatient placement
• Conduct AEEG in one step
• Connect EEG system using optional interface adapter

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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.

**Quik-CapEEG**

**Technical Specifications**

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

3 sizes to cover your entire patient range:

- Newborn (34-40cm)
- Infant (42-48cm)
- Medium (48-54cm)
- Large (54-62cm)

Terminated into a 40 position IDC connector.

Response: optional adaptor to interface to amplifier.

Connectors Supported:

- Quik-CapEEG compatible with most industry EEG amplifiers via optional interface cables:
  - Quik-CapEEG to SynAmps2: optional number of electrodes
  - Quik-CapEEG to Female 1.5mm Touch-proof DIN Connector (specify number of electrodes)

Accessories:

- QuikCapEEG 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 EEG experience, I am afraid I could not use the cap unless it had 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. The other positive aspect to the cap is that I can do accurate and consistent set-ups in much faster.

MC R. EEG/EP T., RPSGT

I am a REEG Tech 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.

**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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