



QUIK-CAPS: EEG / PSG

ELECTRODE APPLICATION SYSTEM

Quik-Caps (PSG) – is a cap-based electrode application system customized for use in the diagnostic sleep environment. From more than 12 years of experience in building quality electrode caps for research and clinical EEG applications we've created this versatile, cost-effective tool that helps enhance all aspects of sleep lab productivity. Quik-Cap PSG is designed to provide faster, more consistent electrode applications with easy clean-up thereby maximizing lab results and return on investment.

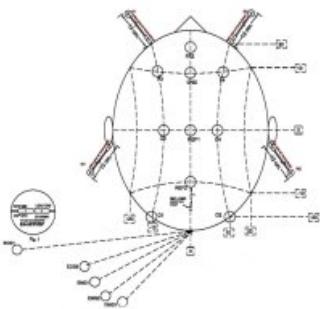
Quik-Caps (EEG) – Compumedics Neuroscan offers a variety of Quik-Caps to provide speedy, consistent application of up to 256 electrodes. Quik-Caps are manufactured of highly elastic breathable Lycra® material with soft neoprene electrode gel reservoirs for enhanced patient comfort. All electrodes are placed according to the International 10-20 electrode placement standard. Quik-Caps are available in a variety of electrode configurations from 16 to 256 channels as well as in 5 different sizes, and with a variety of electrode materials to meet every lab requirement.

Compumedics Neuroscan strongly recommends the use of Ag/AgCl - sintered electrodes because of their durability and ease of cleaning and re-use.

Each cap offering is designed to cover a specific range of sizes. Please specify the range you require. Custom configurations are available upon request and have a one-time non-refundable engineering fee.

All caps require an adaptor that must be purchased separately to interface to your specific device.

QUIK-CAP PSG



Technical Specifications

- Quik-cap PSG is a 16 lead cap-based electrode application system
- Manufactured with breathable Lycra fabric
- Soft Neoprene Ag/AgCL Sintered electrode reservoirs conform to head
- 9 fixed position electrodes: F3, F4, FpZ, C3, C4, O1, O2, reference, and ground
- 2 Mastoids snap leads M1, M2 (cup leads optional)
- 2 Eye movement (EOG) leads (cup leads optional)
- 2 ECG snap leads (cup leads optional)
- 3 Chin EMG snap leads (cup leads optional)
- Terminates into a 40 position IDC connector
- Requires optional adaptor to interface to amplifier

Sizes

	Part Number
Quik-Cap PSG Small (48-54 cm Head circumference)	00103606
Quik-Cap PSG Medium (54-62 cm Head circumference)	00103607
Quik-Cap PSG Large (62-68 cm Head circumference)	00103608

Connectors Supported:

Quik-Cap PSG is compatible with most industry PSG amplifiers via optional interface cables:

Quik-Cap PSG to E-Series/Graef adaptor	00103610
Quik-Cap to Female 1.5 mm Touch-proof DIN Connector	00103609

Quik-Cap EEG - Two Methods of Application

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

- 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.

OR Cell (Routine EEG, High density EEG)



QuikCell application system



QuikCell expands to provide positive scalp contact and conductive bridge.



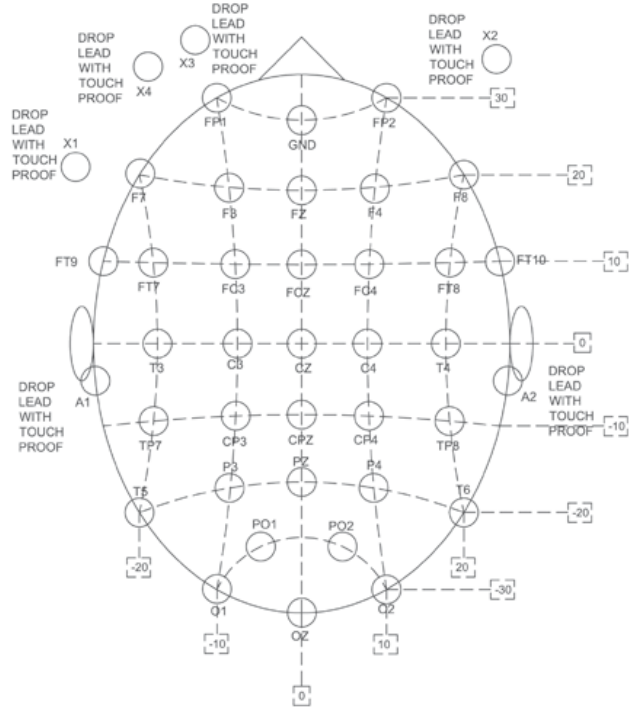
Precision volume delivery to prevent over saturation.

QUIK-CAP EEG

NuAmps™ 40 Channel Quik-Caps

Product description	Part Number
Infant (42-48cm)	
Ag/AgCl-sintered (permanent AgCl)	98000371
Child (48-54cm)	
Ag/AgCl-sintered (permanent AgCl)	98000372
Medium (54-62cm)	
Ag/AgCl-sintered (permanent AgCl)	98000373
Large (62-68cm)	
Ag/AgCl-sintered (permanent AgCl)	98000374

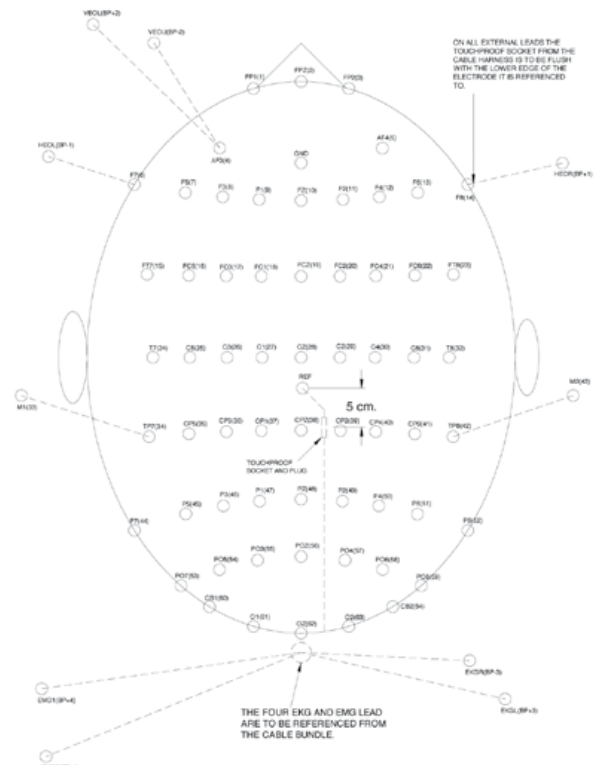
Requires adaptor on page 33



SynAmps2/RT™ 64 Channel Quik-Caps

Product description	Part Number
Child (48-54cm)	
Ag/AgCl-sintered (permanent AgCl)	96050254
Medium (54-62cm)	
Ag/AgCl-sintered (permanent AgCl)	96050255
Large (62-68cm)	
Ag/AgCl-sintered (permanent AgCl)	96050256

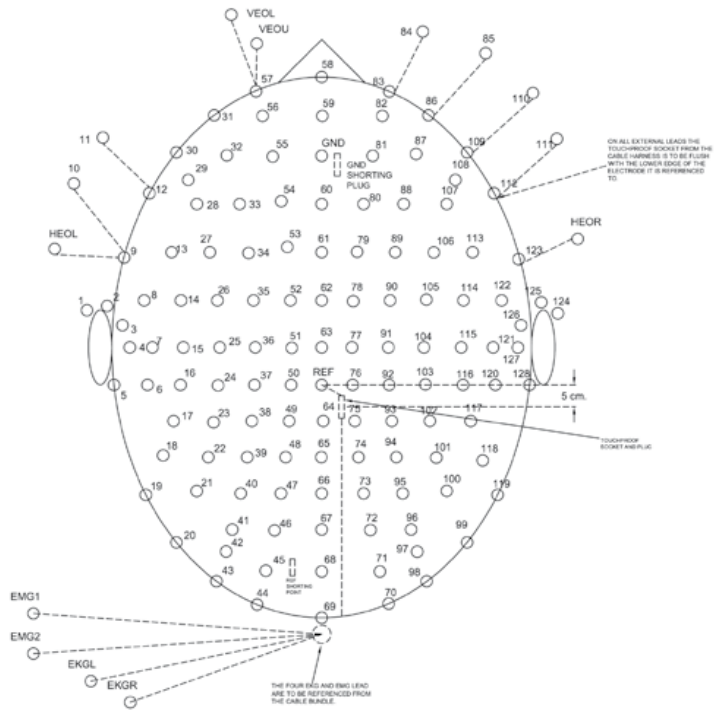
Requires adaptor on page 33



SynAmps2™ 128 Channel Quik-Caps

Product description	Part Number
Child (48-54cm)	
Ag/AgCl-sintered (permanent AgCl)	96050271
Medium (54-62cm)	
Ag/AgCl-sintered (permanent AgCl)	96050267
Large (62-68cm)	
Ag/AgCl-sintered (permanent AgCl)	96050266

Requires adaptor below



Quik-Cap Adaptors

Product description	Part Number
19-21 Channel Quik-Caps Interface Adaptors	
SynAmps Cap Adaptor	
19-21 Channel	99000061
1.5mm Touchproof Cap Adaptor	
19-21 Channel	99000062
32 Channel Quik-Caps Interface Adaptors	
SynAmps Cap Adaptor	
32 Channel	99000066
1.5mm Touchproof Cap Adaptor	
32 Channel	99000063
64 Channel Quik-Caps Interface Adaptors	
SynAmps Cap Adaptor	
64 Channel	99000067
1.5mm Touchproof Cap Adaptor	
64 Channel	99000064
128 Channel Quik-Caps Interface Adaptors	
(Please specify NSL or 10-20 layout when ordering)	
SynAmps Cap Adaptor	
128 Channel	99000068
1.5mm Touchproof Cap Adaptor	
128 Channel	99000065



1.5mm Touchproof Adaptor



SynAmps Adaptor