PHILIPS

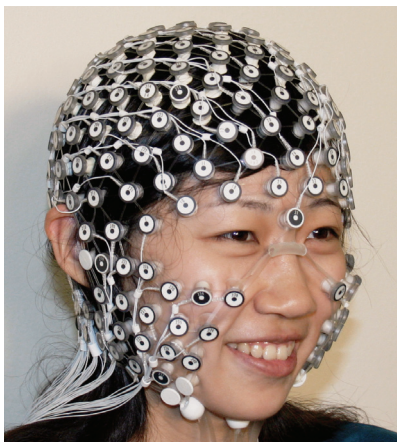
GES 400 high density EEG system

Geodesic Sensor Net

Comfortable and precise HD EEG nets

Less time, more data

- Apply up to 256 electrodes simultaneously
- With training, Geodesic Sensor Nets can be applied in ~15 minutes for routine EEG
- Detect scalp electrical activity that can be missed by 10-20 EEG
- Whole head coverage provides more complete data, particularly from the basal areas of the brain



Designed for superior patient comfort

- Requires no scalp abrasion, glue or sedation
- Well tolerated: 95% compliance on the first attempt with 397 Autism Spectrum Disorder patients[1]
- Sizes available for infants, children and adults

Improve your patient comfort and compliance

HydroCel GSN 130, routine

- For routine EEG up to 2 hours, uses a simple saline solution, no glue needed

HydroCel GSN 130, LTM

- For long term monitoring, uses a paste for application

Head circumference and net size	General age* or head size		Channel counts	Monitoring type
	Male	Female		
28 - 30 cm	Preterm infant small	Preterm infant small	32, 64, and 128	Routine
30 - 32 cm	Preterm infant medium	Preterm infant medium	32, 64, and 128	Routine
32 - 34 cm	Preterm infant large	Preterm infant large	32, 64, and 128	Routine
34 - 36 cm	Neonate	Neonate	32, 64, and 128	Routine
36 - 37 cm	Birth - 2 weeks	Birth - 1 month	32, 64, and 128	Routine
37 - 38 cm	2 weeks - 1 month	1 - 2 months	32, 64, and 128	Routine
38 - 40 cm	1 - 2 months	2 - 3 months	32, 64, and 128	Routine
40 - 42 cm	2 - 3 months	3 - 6 months	32, 64, and 128	Routine
42 - 43 cm	3 - 5 months	6 - 7 months	32, 64, and 128	Routine
43 - 44 cm	5 - 7 months	7 - 9 months	32, 64, and 128	Routine
44 - 47 cm	7 - 15 months	9 - 21 months	32, 64, and 128	Routine
47 - 51 cm	Pediatric small	Pediatric small	32, 64, and 128	Routine and LTM
51 - 54 cm	Pediatric large	Pediatric large	32, 64, 128 and 256	Routine and LTM
54 - 56 cm	Adult small	Adult small	32, 64, 128 and 256	Routine and LTM
56 - 58 cm	Adult medium	Adult medium	32, 64, 128 and 256	Routine and LTM
58 - 61 cm	Adult large	Adult large	32, 64, 128 and 256	Routine and LTM
61 - 64 cm	Adult X-large	Adult X-large	32, 64, 128 and 256	Routine and LTM

*The approximate age ranges for U.S. infants are taken from the 50th percentile on the CDC Growth Charts published May 2001.

The Geodesic Sensor Net is a part of the **GES 400 HD EEG system.**

Intended use/Indications for use

The Geodesic EEG System 400 Series (GES 400) is intended to measure and record the electrical activity of the patient's brain. It can be used on adults, children, and infants.

1. Szklarski L, Mintz M, Catterall K. (2016) High Density Electroencephalography (HD-EEG) and Desensitization Techniques Improve Compliance Without Sedation or Restraint for Children and Adults with Behavioral Challenges [Online]. Poster presented at the Organization for Human Brain Mapping 2016 Annual Meeting.

For more information contact info@egi.com

CE 0297

Electrical Geodesics, Inc.
500 East 4th Avenue, Suite 200
Eugene, Oregon 97401
Phone: +1 541 687 7962
Fax: +1 541 687 7963
www.egi.com