



# Entropy

GE Healthcare's Entropy™ accessories acquire the electroencephalograph (EEG) and frontal electromyography (FEMG) signals. The signals are processed into two entropy parameters, state entropy (SE) and response entropy (RE).

The EEG signals reflect the underlying state of the brain activity. As a person is anesthetized, the brain activity starts to decrease and becomes more orderly and regular. The EEG signals sensed by the sensor changes from irregular to more regular patterns when anesthesia deepens. Similarly, the FEMG quiets down as the deeper parts of the brain are increasingly saturated with anesthetics.

## Features

- When used with monitored parameters, such as hemodynamic measurements and NMT, you get a more complete picture of patient status on one screen
- GE Entropy sensors utilize wet gel for quick traceability
- GE Entropy sensors can be positioned to the left or right for ease of use
- Low and stable impedance provides a high-quality signal

## Our equipment. Our accessories. Simply compatible.

You can trust GE Healthcare accessories and consumables to keep your clinical devices working efficiently.

- Simplified ordering process
- Fast delivery
- One contact point for expert advice
- Quality support at every step

## GE ENTROPY CABLE

The reusable GE Entropy Cable must be used with the GE Entropy Sensor or the GE Entropy EasyFit Sensor, together with Entropy measurement devices. All entropy products are safe for use during electrosurgery and defibrillation.

### Materials

Connectors: Polyurethane  
Cable: Thermoplastic Elastomer (TPE)

### Materials Composition

The GE Entropy Cable does not contain BPA, natural rubber latex or PVC.

### Operating Environment

Temperature: 10° to 40°C (50° to 104°F)

### Storage

Temperature: 10° to 30°C (50° to 86°F)

### Sterility

The GE Entropy Cable is supplied as non-sterile

### Disposal considerations

Dispose as clinical waste, in accordance with hospital policy, local guidelines and regulations.

### Cleaning Solutions

Wipe with a cloth moistened with mild detergent or soap solution. To disinfect, wipe cleaned product with a chemical disinfectant such as ethanol, propanol, phenolic disinfectant or glutaraldehydes.

### Packaging materials

Pouch: Polyethylene (PE)/Paper

### Compliance

RoHS (Restriction of Hazardous Substances) compliant  
CE Mark

### Product Compatibility

M-Entropy and E-Entropy modules

### PART LIST

Part Number	Description	Quantity
M1050784	GE Entropy Cable, 3.5 m /11.5 ft	1



## GE ENTROPY EASYFIT SENSOR

The disposable, single-patient-use Entropy EasyFit Sensor can be used for up to 24 hours with adults and children aged two years or older. Must be used with the reusable GE Entropy Cable and GE Entropy measurement devices. All entropy products are safe for use during electro-surgery and defibrillation.

### Materials

Sensor Sheet/ Electrode:	Polyethylene Terephthalate, Dielectric Ink, Ag/AgCl, Polyethylene Foam with Acrylic Adhesive, Polyurethane, Liquid Hydrogel with KCl +NaCl
Connector:	Polycarbonate, Gold-Plated Stainless Steel
Sandpaper:	Silicon Carbide, Acrylic

### Materials Composition

Entropy EasyFit Sensors do not contain natural rubber latex or PVC.

### Operating Environment

Temperature: 10° to 40°C (50° to 104°F)

### Storage

Temperature: 10° to 30°C (50° to 86°F)

### Sterility

Entropy EasyFit Sensors are supplied as non-sterile

### Shelf life

Entropy EasyFit Sensors have a shelf life of 12 months.

### Disposal considerations

Dispose as clinical waste, in accordance with hospital policy, local guidelines and regulations.

### Packaging materials

Sensors Primary:	Carton/Box - Cardboard
Sensor Pouch:	Polyethylene (PE)/Aluminum/Paper

### Compliance

RoHS (Restriction of Hazardous Substances) compliant  
CE Mark

### Product Compatibility

M-Entropy and E-Entropy modules

### PART LIST

Part Number	Description	Quantity
M1174413	Entropy EasyFit Sensor	25



## GE ENTROPY SENSOR

The disposable, single-patient-use GE Entropy Sensor can be used for up to 24 hours with adults and children aged two years or older. Must be used with the reusable GE Entropy Cable and GE Entropy measurement devices. All entropy products are safe for use during electrosurgery and defibrillation.

### Materials

Electrode:	Polyethylene Foam with Acrylic Adhesive, Acrylonitrile Butadiene Styrene (ABS), Polyurethane, Ag/AgCl, Liquid Hydrogel with KCl +NaCl
Leadwire:	Polyethylene (PE)
Connector:	Glass Fiber-reinforced ABS, Gold Plated Stainless Steel
Sandpaper:	Silicon Carbide, Acrylic

### Materials Composition

The Entropy Sensors do not contain natural rubber latex.

### Operating Environment

Temperature: 10° to 40°C (50° to 104°F)

### Storage

Temperature: 10° to 30°C (50° to 86°F)

### Sterility

GE Entropy Sensors are supplied as non-sterile

**Product may not be available in all countries and regions.** Contact a GE Healthcare Representative for more information. Please visit [www.gehealthcare.com](http://www.gehealthcare.com).

### Shelf life

GE Entropy Sensors have a shelf life of 12 months.

### Disposal considerations

Dispose as clinical waste, in accordance with hospital policy, local guidelines and regulations.

### Packaging materials

Sensors Primary:	Carton/Box - Cardboard
Sensor Pouch:	Polyethylene (PE)/Aluminum/Paper

### Compliance

RoHS (Restriction of Hazardous Substances) compliant  
CE Mark

### Product Compatibility

M-Entropy and E-Entropy modules

### PART LIST

Part Number	Description	Quantity
M1038681	GE Entropy Sensor, Disposable	25



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DOC2463781 10/20