

# OPERATOR'S MANUAL

First Edition: 08 Apr 2002  
Second Edition: 12 Sep 2003

EEG DISK ELECTRODE  
EEG ELECTRODE

NE-101A, NE-102A, NE-103A  
NE-113A, NE-114A

0654-000253A Printed: 2003.10.2



The CE mark is a protected conformity mark of the European Community. The products herewith comply with the requirements of the Medical Device Directive 93/42/EEC.

The EEG scalp disk electrode is designed for EEG examination. Please read this manual thoroughly prior to operation to ensure optimum performance.

Model	Q'ty	Supply Code No.
NE-101A, 150 cm lead	3 pcs/set	H501
NE-102A, 150 cm lead	12 pcs/set	H502
NE-103A, 150 cm lead	26 pcs/set	H503
NE-113A, DIN, 150 cm lead	26 pcs/set	HS03A
NE-114A, DIN, 80 cm lead	26 pcs/set	HS03B

## CAUTION

- Do not use this scalp disk electrode for electric stimulation.
- Clean the scalp or skin site where the electrode will be attached.
- Do not store the disk electrode in the presence of sulfur.

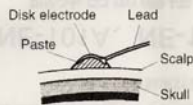
## Electrode Attachment and Connection Procedure

### Location of electrodes

For the electrode locations, use the 10-20 System (Montreal method).

### Electrode attachment

1. Rub the site with an optimal amount of the skin preparation gel SkinPure, for impedance reduction, wipe the site with dry gauze to remove the corneum layer of skin.
2. Apply an optimal amount of the EEG paste, Elefix, to the cleaned site and rub the paste in a 10 mm diameter circle around the site.
3. Apply an optimal amount of the paste to the disk (cup) of the electrode, and attach it on the pasted skin site.



4. Cover the electrode with a piece of cotton, and press the edge of the cotton. Fasten the electrode on the site with adhesive tape if necessary.
5. Connect the electrode leads or cords to the corresponding input jacks on the electrode junction box.

## WARNING

Never connect the electrode lead or cord (ME tip) to an AC outlet because the patient could receive an electrical shock.

## Cleaning and Disinfection

### Cleaning

## CAUTION

Do not clean the electrode with hot water or chloric bleaching agent.

Clean the electrode immediately after use. If the electrode is not cleaned, the paste will harden and be difficult to remove

1. Clean the electrode gently with running water.
2. Remove liquid from the skin, and clean the electrode site and connection terminal with a cotton moistened with alcohol and dry it.

### Disinfection

## CAUTION

Do not sterilize the electrode by autoclaving, cresol or glutaraldehyde.

- Use alcohol for usual cleaning.
- Use ethylene oxide gas or invert soap, if disinfection (or sterilization) is necessary.

## NIHON KOHDEN

Manufacturer

NIHON KOHDEN CORPORATION  
1-21-4 Hamachochi, Shinjuku-ku, Tokyo 161-8565, Japan  
Phone #133(996-8234) Fax #133(996-8190)

NIHON KOHDEN AMERICA, INC.  
90 Icon Street, Foothill Ranch, CA 92616, USA  
Phone (949)686-1555 Fax (949)686-1599

EC REP

European Representative

NIHON KOHDEN EUROPE GmbH  
Reifenstrasse 15, D-61181 Frankfurt, Germany  
Phone#49(603)4270 Fax#49(603)427599

NIHON KOHDEN SINGAPORE PTE LTD  
70 Shenton Way, #14-05 Marina House, Singapore 079118  
Phone#65(6224)4700 Fax#65(6224)4216