

# ELECTRONIC INCLINOMETER

## NEI-3000

NSR's new electronic inclinometer:

- High accuracy and stability
- Large color LCD, touch screen operation
- Android O/S for easy operation
- Log for Heel Angle and Pitch Angle
- Meet the IMO and ISO standards



- NEI-3000 electronic inclinometer is designed for vessel navigation, which provides heel and pitch measuring functions.
- NEI-3000 measures and displays heel angle, roll period, roll amplitude and pitch angle etc.
- Additional log of heel angle for the latest 3 minutes and roll amplitude for the latest 30 minutes.
- NEI-3000 conforms to the standards of IMO MSC.363 (92), IEC 61162-1, IEC 61162-2, IEC 62923-1, IEC 62923-2, IEC 62288 and ISO 19697.



## SPECIFICATIONS

- Heel Angle: Range:  $\pm 90^\circ$ , Accuracy:  $\pm 1^\circ$
- Roll Amplitude: Range:  $\pm 45^\circ$ , Accuracy:  $\pm 1^\circ$
- Roll Period: Range: 4~ 40 sec, 0.1 sec. RMS $2\sigma$ , Accuracy:  $\pm 1s$
- Pitch Angle: Range:  $\pm 45^\circ$ , Accuracy:  $\pm 1^\circ$
- O/S: Android
- LCD Display: Touch screen operation
  - Size: 7 inch
  - Resolution: 1024×600
- Interface: I/O sentence (IEC 61162-1 & IEC 61162-2)
- Power Supply: AC 220 V/DC 24 V (9 V ~ 36 V)
- Power Consumption: <10W
- Size: 145 (H) × 264 (W) × 83 (D) mm (Display Unit)
- IP Grade: IP22

## EQUIPMENT LIST

### ● STANDARD

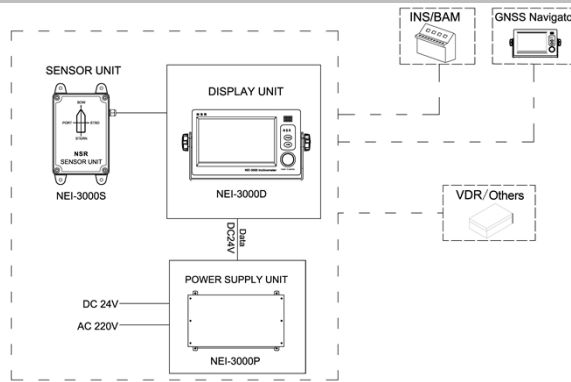
- Display Unit / NEI-3000D 1 pc
- Power Supply Unit / NEI-3000P 1 pc
- Sensor Unit / NEI-3000S 1 pc
- Accessories 1 set

### ● OPTIONS

- Flush Mount Bracket 1 pc



## SYSTEM DIAGRAM



## SIZE DIMENSION

