

Korea Digital Sextant

World's First Digital Sextant Model: DS-

BERG & LARSEN

Global Distributor

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LEEYOUNG SND

World's First Digital Sextant

Invented and Developed for All Sailor's Convenience and Safety

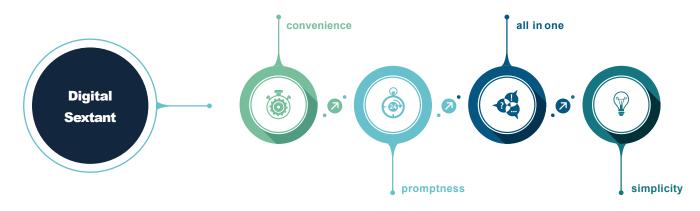


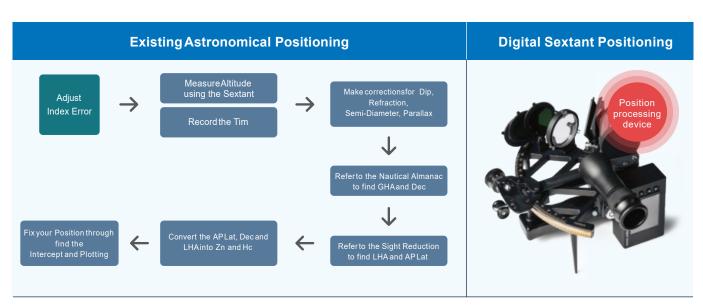
The Korea Digital Sextant, developed by our company for the first time in the world, is a navigational device that facilitates the calculation of the position on a ship by mounting a Digital Unit on the existing sextant.

The Digital Unit has a built-in calculation function that automatically processes a series of procedures such as correction and calculation of Nautical Almanac, and LOP drawing, enabling quick and convenient position calculation.

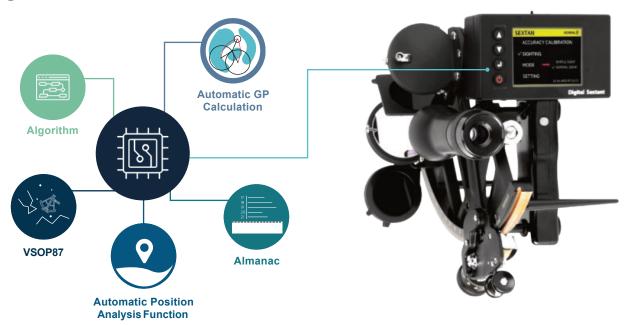
Korea Digital Sextant is an emergency navigational device that guarantees the safe navigation of a ship by quickly calculating the position through celestial body sighting when the operation of GPS is restricted due to jamming or spoofing during sailing.

Model: DS-10





₩ Digital Unit



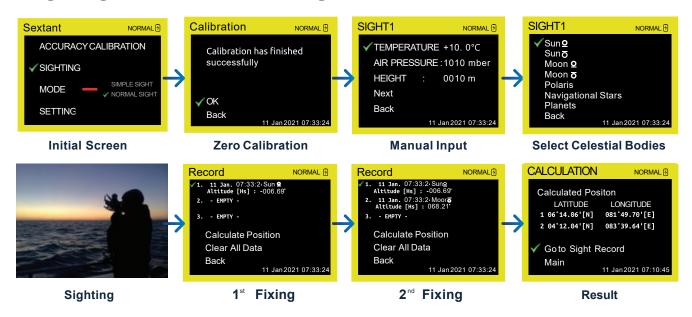
₩ Result within 1 secondafter Sighting



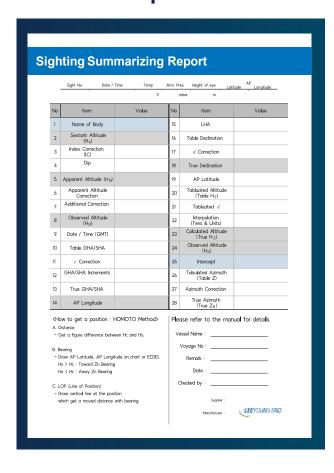
₩ Specification of Korea Digital Sextant

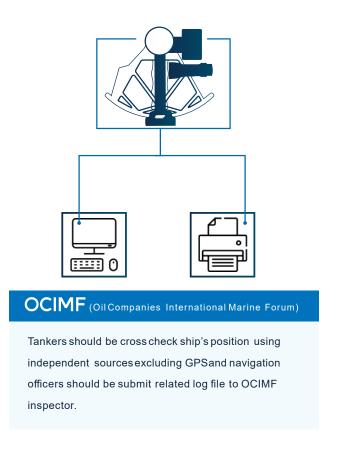
Description	Specification
Processor	ARM - bit Processor
Power	V(DC) A MICRO-USB
Continuous Operating Time	Above. hours(FullyCharged)
Consuming Current	m A h
Observable Celestial Bodies	FixedSTARSIncludingtheSun
Size / Weight	mm(L)x mm(W)x mm(H)/.kg
Working Temperature	- °C ~ °C
Position Calculation Time	sec
LCD	. InchTFT

****** Sighting Processof Korea Digital Sextant



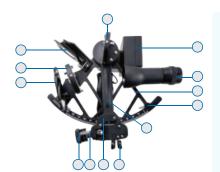
** Printing Ship's Position Calculation LOG for Vessel Inspection of OCIMF





Product Description

※ Structure of Korea Digital Sextant



- 1. Horizon Shade Glasses
- 2. Horizon Glass
- 3. Index Shade Glasses
- 4. Index Mirror
- 5. Digital Unit
- 6. Telescope
- 7. Frame
- 8. Arc
- 9. Index Arm
- 10. Release Lever
- 11. Light
- 12. Vernier
- 13. Micrometer Drum
- 14. Light Button
- 15. Handle
- 16. Limb



- 1. Power Button
- 2. Select Button
- 3. Down Button
- 4. Up Button
- LEDto Check Charging Status
- 6. Charging Connector
- 7. Display



Measurement Frequency	Shielding Rate (dB)
30 MHz	80
100 MHz	80
500 MHz	90
1 GHz	84
2 GHz	85
3 GHz	83





※ Certifications













LEEYOUNG SND CO., LTD. Since 2010

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