

FURUNO proudly announces the launch of new Solid-State & IMO-compliant X-band Radar / Chart Radar (NXT Series)

FURUNO presents its NEW 800W IMO Solid-State device X-band Radar/Chart Radar, and is able to offer, for the first time, a complete Magnetron-free Radar/Chart Radar Solution in both X-band and S-band with the addition of X-band models to the FAR-2xx8/3xx0 NXT Series (from next summer 2020).

No magnetron means less power consumption and no consumable part, while maintaining the same level of performance thanks to a deep know-how in Solid-State technologies. In other words, Solid-State NXT Radars are both powerful and eco-friendly.

Newly developed X-band Solid-State Radar specialized in target detection and maintainability



NEW //
for X-band

▶ **Lower maintenance hours and costs compared to Magnetron Radar**

No need to replace the Magnetron

▶ **Less noise and much clearer targets**

FURUNO's Solid-State Radar technology generates clearer echo images, which allows users to obtain clearer picture of what are around their vessel, including weak targets from small craft.

▶ **Fan-less antenna design requires less maintenance (S-band only)**

for S-band

RADAR



NEW //
Solid-State X-Band IMO Radar
Model: **FAR-2x28-NXT**

Solid-State S-Band IMO Radar
Model: **FAR-2x38S-NXT**

CHART RADAR



NEW //
Solid-State X-Band IMO Chart Radar
Model: **FAR-3x20-NXT**

Solid-State S-Band IMO Chart Radar
Model: **FAR-3x30S-SSD**

Summary

-For the first time, a **Magnetron-free** Commercial Radar/Chart

Radar **Solution** in both X-band and S-band

-**High performance**

-No consumable part for **reduced operating costs**

-**Eco-friendly** Radar

“As a leader in marine electronics, FURUNO is committed to providing ever more efficient tools to ensure safety at sea, while respecting the world’s environmental objectives.(SDGs)”

About Solid-State technology

Solid-State is the technology that uses electronic components instead of a magnetron to generate microwaves. This technology consumes much less power, does not wear out and does not require any particular maintenance, significantly reducing operating costs. Finally, there is no pre-heating time and the start is much faster than with a magnetron.

In short, a Solid-State Radar is a more environmentally friendly Radar that requires less maintenance while delivering the same performance as its magnetron counterpart.

For more information,

Visit our Radar and Chart Radar pages

Chart Radar <https://www.furuno.com/en/merchant/chartradar/>

Radar https://www.furuno.com/en/merchant/radar/FAR-22x8_23x8/

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