

# Sefius Native Intelligence



**FUKUDA  
DENSHI**  
For a long life...

UF-890AG-BR-201510-1.1 US—Fukuda Denshi reserves the right to change specifications without notice—Conception: VALTENSE



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## UF-890AG Full HD Color Doppler Ultrasound



## Sefius UF-890AG

State-of-the-art  
engineering  
for accurate and  
sustainable practice.

### Native Intelligence

When Switzerland and Japan joined forces, they combined their keenness and their strengths to develop a Doppler ultrasound system that is both flexible and reliable, based on their comprehensive understanding of examination scenarios.

Image resolution, tissue differentiation, and Doppler sensitivity set up automatically to form a coherent, clear, and complete process for rapid and rigorous diagnostics.

Scalable, **Sefius UF-890AG** was created to accompany practitioners throughout their careers on the journey toward curative and preventive medicine.

**Fukuda Denshi—focused on life**

Developed  
within a culture of  
diligence and continuous  
improvement

that makes Japanese  
production standards  
some of the best  
in the world.



## Instinctive Efficient practice

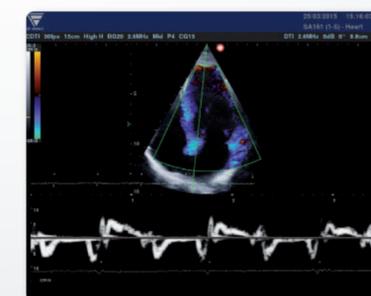
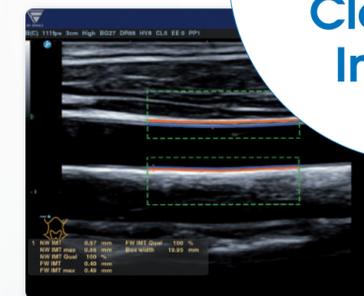
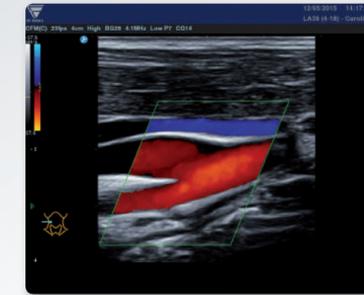
- **E<sub>2</sub>Optim** analyses the ultrasound data and instantly recalculates appropriate parameters. The image and spectrum are clarified immediately. Analysis is easier and more detailed.
- A **backlit keyboard** that adapts to the work context includes **7 configurable multifunctional keys** that provide direct access to the main functions.
- Preset configurations for over 10,000 parameters, according to examination type and region, provide the ease of guided navigation via an **extremely simple menu layout**.

- **Open architecture** to facilitate new development throughout the entire service life of the system.
- **Enhanced data security** on SSD silicone disk and a RAID data storage system (2 hard drives) for reliable patient data retention.

## Power consumption



- Efficient design reduces power use to **1/8 of equivalent systems' consumption**. This extends the service life of electronic components, saves operating costs and makes UPS-supported use possible thereby guaranteeing continuous system availability with no power outages.



Cardiology



Vascular



Internal medicine



Musculo skeletal



Small parts



Gynecology



Obstetrics

## Inspiring Extended practice



# Sefius UF-890AG Native Intelligence

## Irresistible Sustainable practice



Our close, long-term collaboration with practitioners and R&D engineers has led to a system that can be customized **by application and region**—the result of listening to clients' needs and developing high-performance solutions.

- **Outstanding workstation ergonomics** since the system, screen, and keyboard can be moved around and adjusted extremely easily, ensuring minimum physical stress and long and sustainable practice.
- Up to 5 probes simultaneously connectable to support any **multi-application** practice.



- Multi-directional screen and keyboard

## Innovative Accurate practice

- The **22"—54cm widescreen LCD display** used to display perfectly large-dimension and **high-precision imaging**, with up to 36 cm penetration depth in B- and Doppler mode. Observation is clear, precise, and complete, with even the finest details visible. Analysis is detailed and rigorous.
- Over 40 years of expertise and Swiss engineering are at the heart of Fukuda Denshi ultrasound imaging and **exceptional Doppler sensitivity**.

