**Confident Diagnosis**

The advanced technical capabilities of the **RS80A with Prestige** features are built upon the successes of Samsung technologies, including superior image quality, while offering exclusive options. The features such as S-Fusion and S-Shearwave deliver diagnostic confidence and user convenience in clinical practices.

- **Superb image quality** through S-Vision architecture and S-Vue transducer
- **Essential tools** for interventional procedures
- **Advanced clinical research features** for radiology

**Product Information**

- Interventional procedures (S-Fusion, S-Tracking)
- Quantitative measurement tool (S-Shearwave)
- Advanced imaging functions (ClearVision™, S-Flow™)
- Guidance tool for BI-RADS scoring (S-Detect™)
- Elastography for thyroid with ECI (E-Thyroid™)*
- Elastography for breast with strain ratio calculation tool (E-Breast™)*
- Comprehensive 3D technology (Realistic Vue™)
- 23-inch LED monitor / 13.3-inch tilting touch screen
- 6 way adjustable control panel / Swivel Lock

*Feature is only available for some products in select countries. Contact local representative for availability.

**Enhanced Features for Diagnosis**

### S-Vision Beamformer

Samsung’s innovative hybrid beamformer technology is comprised of both advanced hardware and software, allowing for intricate digital programming, which better defines the shape of the ultrasound pulse. This provides more precise transmission and reception of the ultrasound signal, resulting in exceptional image clarity.

![S-Vision Beamformer Diagram](image)

### S-Vue™ Transducer

In addition to the advanced beamforming capabilities, the RS80A with Prestige incorporates the next-generation single-crystal probe technology called S-Vue™ transducers. Employing an innovative crystal design, S-Vue™ transducers provide more efficient piezoelectric properties, resulting in wider bandwidths for increased depth penetration and higher quality resolution on even the most challenging of patients.

![S-Vue™ Transducer Diagram](image)

### S-Vision Imaging Engine

Incorporating Samsung’s rich history of electronic excellence, the S-Vision imaging engine effectively removes noise artifacts resulting in clear, detailed resolution and tissue uniformity.

![S-Vision Imaging Engine Diagram](image)
### Comprehensive Collection of Transducers

#### Curved array transducers

- **CA1-7A**  
  Application: abdomen, obstetrics, gynecology, contrast

- **CA2-8A**  
  Application: abdomen, obstetrics, gynecology

- **CF4-9**  
  Application: pediatric, vascular

#### Linear array transducers

- **LA4-18B**  
  Application: small parts, vascular, musculoskeletal

- **L3-12A**  
  Application: small parts, vascular, musculoskeletal

- **LA3-16A**  
  Application: small parts, vascular, musculoskeletal

- **LA2-9A**  
  Application: small parts, vascular, musculoskeletal, abdomen

- **L7-16**  
  Application: small parts, vascular, musculoskeletal

- **LA3-16AI**  
  Application: musculoskeletal

#### Volume transducers

- **CV1-8A**  
  Application: abdomen, obstetrics, gynecology

- **V5-9**  
  Application: abdomen, obstetrics, gynecology, urology

- **V4-8**  
  Application: abdomen, obstetrics, gynecology

- **LV3-14A**  
  Application: musculoskeletal, small parts, vascular

#### Phased array transducers

- **PM1-6A**  
  Application: cardiac, TCD, abdomen

- **PA3-8B**  
  Application: cardiac, pediatric, abdomen

- **PA4-12B**  
  Application: cardiac

#### Endocavity transducer

- **E3-12A**  
  Application: obstetrics, gynecology, urology

#### CW transducers

- **CW6.0**  
  Application: cardiac

- **DP2B**  
  Application: cardiac

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* S-Vue transducer

FOR INTERNAL USE ONLY