

2026 New R-FILTER

R-FILTER

OVER 60% X-RAY DOSE REDUCTION

Advanced Radiation Safety Solution for Medical Imaging

🏆 2024 Radiation Conference Grand Prize Winner



Innovative Radiation Safety Solution

In modern medical imaging, this innovative radiation filter solution significantly reduces radiation exposure for patients and medical staff while perfectly maintaining diagnostic image quality.

R-FILTER dramatically reduces radiation dose through advanced filter technology while ensuring the image quality required for accurate diagnosis.



Actual X-ray Equipment Installation View



Dose Reduction

Over 60% reduction in X-ray exposure dose



High Quality Maintenance

Achieves image quality close to the original



Reflective Structure

Usable as reflective filter with special gold material



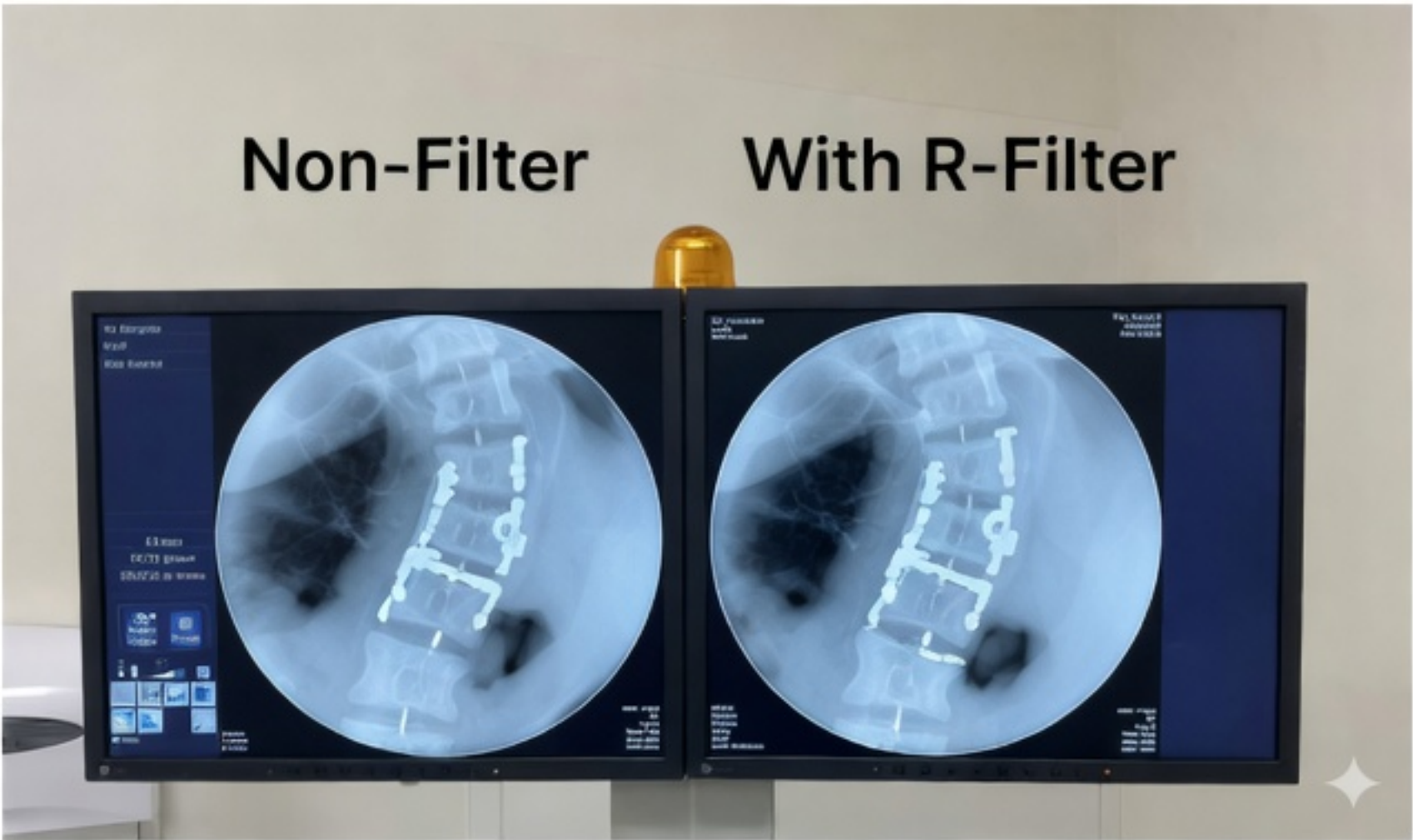
Proven Performance

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Technology Highlights

- **Optimized Octagonal Geometry**
Maximizes efficiency and mounting convenience
- **Brushed Stainless Steel Finish**
Provides durable, hygienic, and professional exterior
- **Magnetic Mounting System (Increased Ease of Mounting)**
Supports quick and easy installation with magnetic attachment

Clinical X-ray Image Comparison — Proving Clinical Performance



Patient Safety

Minimizes radiation exposure for pediatric and fluoroscopic procedures



Clinical Excellence

Removes noise and preserves critical image detail



Cost Efficiency

Uses semi-permanent components / Meets safety regulations

Non-filter vs R-FILTER Application

✗ Non-filter: High radiation exposure, increased noise

✓ R-FILTER Applied: 60% Dose Reduction
Clear original image achieved

R-FILTER usage verification: Noise reduction, structure sharpness, and contrast confirmed (Figure 1: X-ray Result Comparison)