PrecisionSeal VR

PrecisionSeal VR:

DOOR SEALANT APPLICATION SIMULATOR

Master Precision, Enhance Efficiency—The Future of Automotive
Door Sealant Application Training

ABOUT
COMPANY

Door sealant application is a critical component of the automobile manufacturing process. It ensures durability, waterproofing, and noise insulation in vehicles. For modern manufacturing scenarios, Door Sealant Application Training is a must. However, traditional training methods for this task pose significant challenges like high material wastage, inconsistent quality, risk of errors and more. But what if you trained your workers to master sealant application techniques all within a safe, realistic VR environment?

Yeppar offers an immersive training solution for the automobile industry called PrecisionSeal VR: Door Sealant Application Simulator. By providing a virtual platform replicating real-world manufacturing setup, the PrecisionSeal VR simulator ensures operators are trained intelligently to handle the intricacies of sealant application. The solution bridges the gap between theoretical learning and real-world hands-on expertise, maintaining high production standards, reducing costs, and staying competitive. It can be considered as a game-changer for production lines.

KEY FEATURES OF
PRECISIONSEAL VR SIMULATOR

"Seal Precision, Boost Efficiency, Revolutionize Training, & Drive Excellence with YeppAr."

01 Customizable Training Levels

Offers progressive training pathways for trainee skill development from beginner to advanced levels.

02 Life-like Training Environment

Create immersive technology-based simulations replicating manufacturing setups, including car door frames and tools.

03 Performance Analytics

Real-time monitoring provides detailed insights into trainee performance that enhance efficiency.

04 Guided Workflow

Produce Step-by-step instructions to simplify complex processes for a smoother learning experience.

05 Real-Time Feedback

Initiate immediate guidance for mastering skills efficiently that minimizes the chances of errors instantly.

06 Evaluate & Certify

Enable comprehensive assessment modules for operator certification that measure progress and certify skill readiness.

07 Reduced Training Time

Accelerate learning curves without compromising precision. This accelerates skill acquisition, saving time and costs.

SPECIFICATIONS FOR PRECISIONSEAL VR SIMULATOR

"Technical Power Meets Practical Performance."

SPECIFICATION	DETAILS
VR Hardware	High-resolution display, lightweight, ergonomic design
Controllers	Dual haptic-feedback controllers, precise motion tracking
Processor	High-performance, VR-ready, Intel i9 or AMD Ryzen equivalent
GPU	Advanced graphics for realistic simulation, NVIDIA RTX 3080 or higher
Ram	16GB DDR4 minimum for seamless performance
Storage	1TB SSD for storing user data and analytics
Connectivity	Wi-Fi, USB, and Bluetooth compatibility
Motion Sensors	6DoF (Six Degrees of Freedom) tracking
Environmental Sensors	Ambient light, temperature, and proximity sensors for accuracy

BENEFITS

"Transforming Precision with YeppAr's PrecisionSeal VR Simulator."

Higher Productivity: Reduce errors, rework, and downtime in real-world production lines.

Reduced Training Costs: Train in a virtual manufacturing setup where no physical materials are required.

Enhanced Productivity: Streamline processes with real-time error detection & correction that minimizes waste.

Precision & Consistency: Achieve unmatched sealant application accuracy that ensures superior product quality.

Operational Sustainability: Train multiple operators simultaneously with flexible VR modules to minimize material wastage.

Increased Safety & Confidence: Realistic simulations ensure operator readiness and facilitate a risk-free environment to learn & practice.

USAGE

"Transforming Learning, Elevating Production Standards."

✓ Ideal for training new workers or upskilling experienced operators.

✓ Supports auto manufacturers in creating a safer, cost-effective training environment.

✓ Reduces dependency on physical resources and minimizes waste & production disruptions.

✓ Perfect for implementing consistent sealant application techniques across teams.

✓ Ensure that every sealant application meets manufacturing standards.

✓ Conducting assessments for quality assurance certifications.

CUSTOMER
SUCCESS STORY

"Sealing the Future with PrecisionSeal VR at Mahindra."

Mahindra transformed its door sealant application training with YeppAr's PrecisionSeal VR Simulator, solving challenges such as inconsistent sealant application and material wastage. This immersive solution from YeppAr provides workers with a virtual environment that sets up real-world situations. This way, operators mastered complex sealant patterns quickly, and the onboarding process improved by 30%. Also, Mahindra achieved a 30% reduction in errors and a 20% increase in overall production efficiency.

Today, Mahindra celebrates improved precision, efficiency and flawless manufacturing, all supported by YeppAr's innovative training solutions.

YEPPAR X.O

"Revolutionizing Training Management with YeppAr X.O!"

YeppAr X.O enhances the PrecisionSeal VR Simulator by streamlining training workflows. With its innovative administrative, monitoring, and reporting capabilities, YeppAr X.O optimizes workforce training. It tracks performance in real time, ensures accurate skill evaluations, and supports operators/industries throughout production. Key features include:

- **Skill Matrix Management**: Aligns workforce skills with production goals.

- **Training Data Monitoring**: Identify improvement areas & provide detailed performance analytics.

- **AI-Driven Certification Renewal:** Automates skill assessments and certification processes.

PrecisionSeal **VR**

CONTACT
& SUPPORT :)

"We're Here to Help: Your Support, Our Priority!"

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Request Demo

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