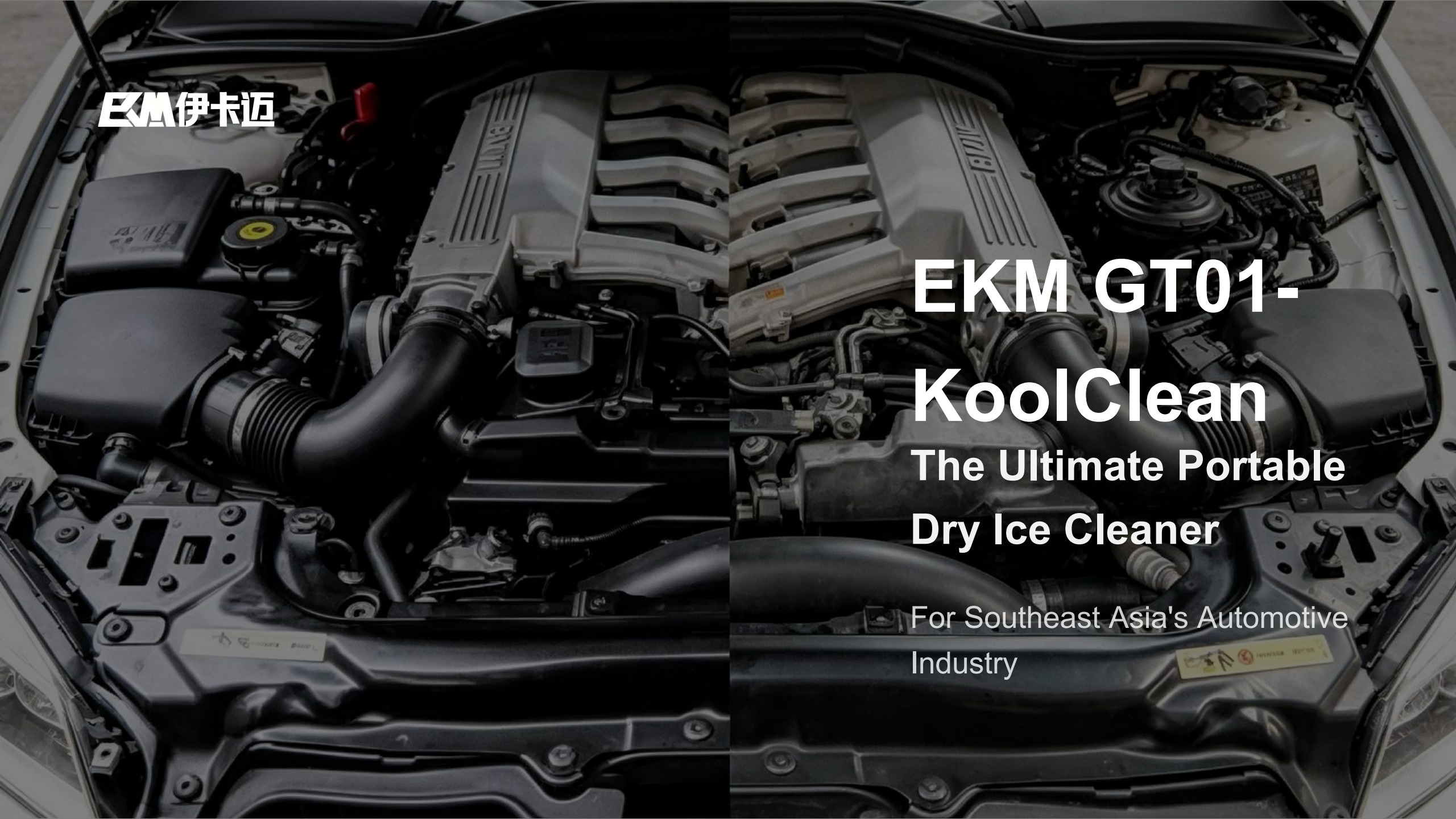




EKM 伊卡迈

EKM GT01- KoolClean

**The Ultimate Portable
Dry Ice Cleaner**

For Southeast Asia's Automotive
Industry

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01

The Booming Opportunity

Southeast Asia's Automotive Aftermarket

A Market Ripe for Innovation



Southeast Asia's automotive landscape is vibrant and rapidly expanding. Countries like Thailand, Indonesia, Malaysia, and Vietnam are witnessing a surge in vehicle ownership, creating a massive and sustained demand for aftermarket services.



Market Growth- The region's aftermarket is projected to grow at a robust CAGR, driven by demand for maintenance, collision repair, and aesthetic enhancement.



Rising Expectations- Modern car owners seek professional-grade detailing, engine cleaning, and interior care to preserve their vehicle's value and performance.



The Need for Innovation- The traditional industry is ripe for disruption, as businesses look to differentiate themselves, improve efficiency, and reduce operational costs.

02

Limitations of Traditional Methods

Why Change is Needed

The High Cost of "Traditional"

Traditional cleaning methods fall short of ideal standards in cost, safety, and effectiveness.



Chemical Solvents

🔑 **High Cost:** Repeated purchase of specialized chemicals is a significant ongoing expense.

🔑 **Residue &**

Recontamination: Chemicals often leave behind residues that can cause damage or attract more dirt.

⚠️ **Health & Safety Risks:** Exposure to harsh chemicals poses health risks to technicians.

🌍 **Environmental Impact:** Improper disposal leads to pollution and potential fines.



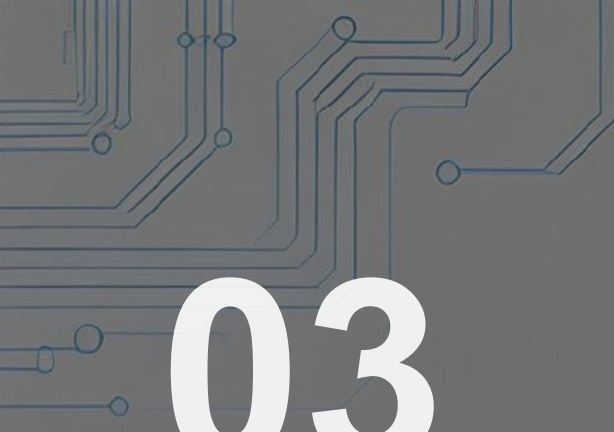
High-Pressure Water Jetting

💧 **Water Scarcity & Cost:** Extremely wasteful and expensive in water-scarce regions.

⚡ **Electrical Risks:** Water can penetrate electrical systems, causing short circuits.

🔗 **Incomplete Cleaning:** Ineffective on oil, grease, and grime without chemicals.

🕒 **Drying Time:** Adds significant time to the service process.



03

Introducing the EKM GT01

Your Solution for Precision Cleaning



How Does Dry Ice Cleaning Work?

The EKM GT01 uses solid CO₂ (dry ice) pellets accelerated at supersonic speeds to create a three-dimensional cleaning effect:

01

Kinetic Energy

The force of the pellets physically dislodges surface contaminants.

02

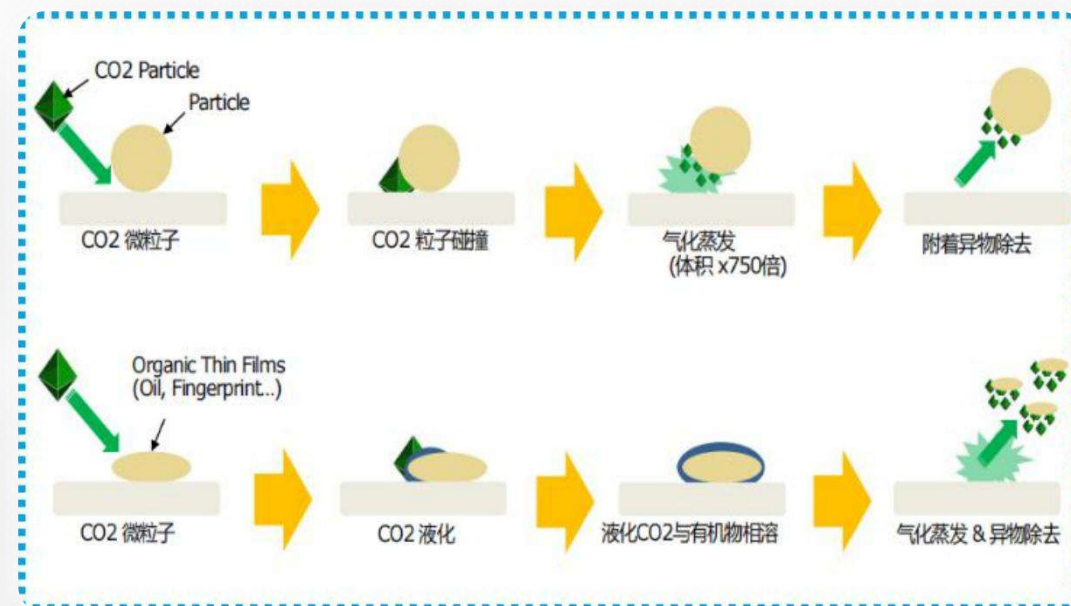
Thermal Shock

The extreme cold (-78.5°C) causes dirt, grease, and grime to contract and embrittle, breaking their bond with the surface.

03

Sublimation

The dry ice pellets transform directly from solid to gas, leaving no secondary waste—only the removed contaminants to be swept away.



This unique process makes the GT01 the ideal tool for a wide range of automotive cleaning applications.

Why the EKM GT01 is a Game-Changer

The GT01 is designed with the specific needs of the Southeast Asian market in mind.



Ultimate Portability

Weighing just **12 kg**, it can be easily carried anywhere. Its compact size saves valuable workshop space.



Unmatched Efficiency

Operates on standard AC220V power with minimal energy consumption (**0.42KW**). Its dual-gear system ensures the lowest dry ice consumption in its class.



Superior Performance

Non-destructive and gentle on surfaces, yet powerful enough to reach the tightest spaces for a deep clean. The dry process eliminates drying time.



Eco-Friendly & Safe

Uses recycled CO2 and produces no secondary waste. The dry process eliminates risks associated with chemicals and electrical shock.



About EK Mclean: A Trusted Global Partner

EK Mclean is a leading enterprise specializing in the research, development, production, and global trade of industrial cleaning solutions. We are dedicated to providing high-performance dry ice cleaning machines and industrial dust collectors to clients worldwide.



Our Mission

“Driving Global Cleaning Upgrades through Technological Innovation.”

We deliver cutting-edge, eco-friendly, and customized cleaning solutions tailored to meet the unique needs of our diverse clientele.



Core Expertise

- **Dry Ice Cleaning:** Mastery of -78.5°C low-temperature phase-change tech for efficient, non-damaging oil/carbon removal.
- **Industrial Dust Collection:** Suite with up to 99.99% efficiency, fully compliant with CE, UL, ISO standards.



Global Network

- **Production:** 2 bases in China (30,000+ sqm total).
- **Logistics:** 3 warehouses (Germany, USA, UAE) for fast delivery.
- **Sales & Support:** Localized teams in 20+ key markets.



Our Commitment

A Full-Cycle Value Partner

We support our clients at every step:

- ✓ Free pre-sales consultation
- ✓ Multilingual in-sales training
- ✓ 24-hour global after-sales response

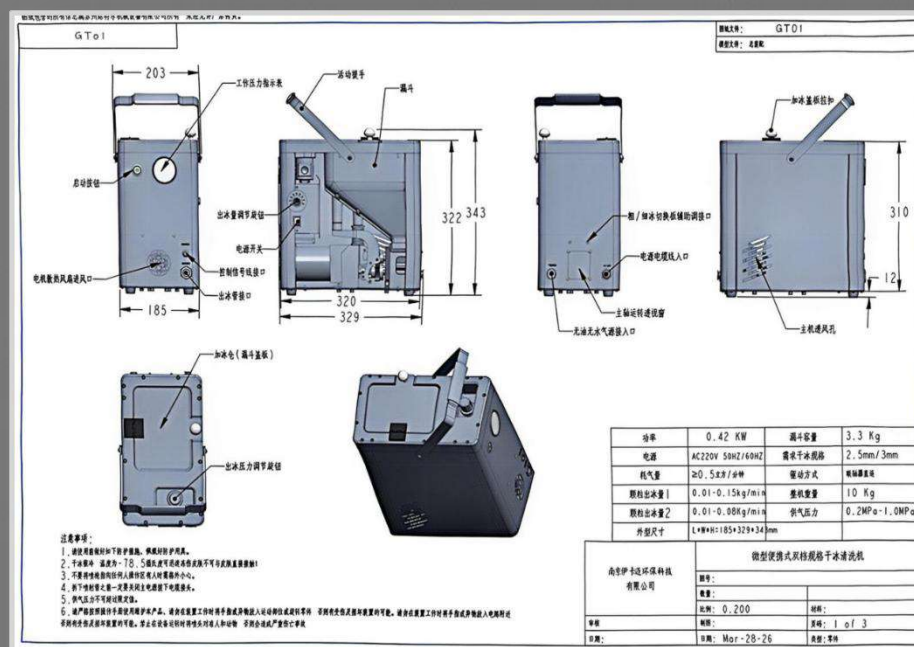
04

Technical Specifications

Engineered for Performance

Built for Precision and Durability

The EKM GT01 is built with precision and durability. Here are its key technical specifications:



MODEL | GT01-KoolClean

The latest model with refined technology for optimal cleaning results.

ICE CONSUMPTION | 0.01 - 0.15 kg/min

Dual-Gear system ensures extreme cost-efficiency and minimizes waste.

POWER SUPPLY | AC220V / 50-60Hz / 1.5A

Compatible with standard household power; no expensive installations required.

CAPACITY: 3.3kg / POWER: 0.42 KW

Sufficient capacity for most jobs with very low energy overheads.

AIR PRESSURE | 3.5 - 10 Bar (55 - 145 psi)

Seamlessly works with standard workshop air compressors.

12kg WEIGHT / COMPACT DIMENSIONS

Exceptionally portable, easy to maneuver and saves valuable workshop space.

Compatible with widely available 2.5mm-3mm dry ice pellets for ease of sourcing.

05

Applications for Every Professional

From 4S Shops to DIY Enthusiasts

Your All-in-One Cleaning Solution



For 4S Car Repair Shops

- **Engine Bay Cleaning:** Safely clean the entire engine bay, improving diagnostics.
- **Carbon Deposit Removal:** Restore engine performance by removing carbon build-up.
- **Pre-Paint Preparation:** Ensure perfect adhesion for a flawless finish.



For Car Wash & Detailing Centers

- **Interior Deep Cleaning:** Remove stubborn stains and odors without dampness.
- **Engine Degreasing:** Offer a premium, high-margin add-on service.
- **Alloy Wheel Cleaning:** Blast away brake dust without scratching the finish.



For Automotive DIY Enthusiasts

- **Restoration Projects:** Perfect for cleaning classic car parts without damage.
- **Home Garage Maintenance:** Achieve professional-level results on your own car.

See the Difference: Before & After

The proof is in the results. The EKM GT01 delivers a level of cleanliness that traditional methods simply cannot match.



Engine Bay

Before: Covered in grease, oil, and dirt, hiding potential issues.

After: Spotless, allowing for easier diagnostics and a professional finish.



Interior

Before: Stains and grime embedded in upholstery and carpets.

After: Deeply cleaned, sanitized, and refreshed, like new.

06

Investment & Return on Investment

A Smart Business Decision

More Profit, Less Cost

Investing in the EKM GT01 is a strategic decision that delivers both cost savings and revenue growth.



Operational Cost Savings

- **Eliminate Chemicals:** No more spending on expensive and hazardous cleaning solvents.
- **Reduce Water Bills:** Cut down on water usage by up to 95%.
- **Lower Labor Costs:** Clean jobs in a fraction of the time, significantly increasing technician productivity.



Revenue Generation

- **New Service Offerings:** Create premium service packages (e.g., "Engine Bay Detail") with high profit margins.
- **Higher Customer Satisfaction:** Superior cleaning results lead to increased customer loyalty and positive word-of-mouth.
- **Competitive Advantage:** Differentiate your business from competitors still using outdated methods.



Example ROI Calculation

Service: "Premium Engine Clean" (\$50) | Cost: ~\$1.50

Profit/Job: **~\$48.50**

Daily (5 cleans): **\$242.50**

Monthly Profit: **\$6,000+**

Investment recouped in weeks, not months.

Conclusion: Drive Your Business Forward

The **EKM GT01-KoolClean** represents the future of automotive cleaning in Southeast Asia. It delivers a powerful, unbeatable combination of **portability, efficiency, cost-effectiveness,** and **environmental responsibility.** It is more than just an upgrade—it's a paradigm shift for car care.

Whether you run a 4S shop, a professional car wash center, or are a passionate DIY enthusiast, this tool is the key to unlocking unprecedented levels of service quality and boosting profitability.

Are you ready to transform your car care business?



Join the Dry Ice Cleaning Revolution

THANK YOU

Contact us today to:



Live Demonstration

Request a personalized, no-obligation live demo.



Pricing & Packages

Discuss tailored pricing options that fit your needs.



GT01 Integration

Learn how to integrate the GT01 into your existing workflow.