



MANUFACTURING GROUP

SMALL-BATCH COSMETIC & PERSONAL CARE MANUFACTURING

Professional equipment for emerging brands,
pilot plants, and growing producers

Start small. Produce professionally.
Scale with confidence.

Powders • Liquids • Creams • Balms • Emulsions

Proc-X Manufacturing Group delivers compact, high-performance processing systems engineered for quality, consistency, and compliance—without the complexity. Ideal for startups, boutique brands, in-house labs, and growing contract manufacturers who demand professional results from day one.

Right-sized solutions. Real-world performance.
Built to grow with you.



**PROFESSIONAL
QUALITY.
RIGHT-SIZED
INVESTMENT.**

From pilot to production—
we make it possible.



**25 L
CLASS**



**50 L
CLASS**



**100 L
CLASS**



**250 L
CLASS**



**500 L
CLASS**

DP

POWDER HANDLING
& PROCESSING

AIS

AUTOMATED INGREDIENT
SYSTEMS

QuantumX

VACUUM PROCESSING
SOLUTIONS

EmulXion

EMULSIFICATION
TECHNOLOGY

PreciXion

PROCESS & BATCH
SOLUTIONS

InspeX

INSPECTION
SOLUTIONS



www.procxinc.com

SMALL SCALE DOES NOT MEAN SIMPLE

Professional process control still determines product quality.

Small-batch cosmetic manufacturing demands the same attention to detail as large-scale production. Every variable—mixing, shear, temperature, air management, dosing, and documentation—directly impacts stability, performance, and regulatory compliance.

Proc-X skid systems give startups and growing brands the control they need to create consistent, high-quality products with confidence—today and as they scale.



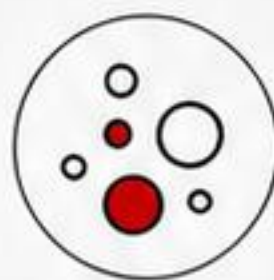
MIXING & SHEAR

Precisely engineered agitation delivers uniform blends and consistent product performance.



THERMAL CONTROL

Accurate heating and cooling maintain ideal process conditions and protect active ingredients.



AIR MANAGEMENT

Vacuum and deaeration remove entrapped air for smoother texture and better stability.



ACCURATE DOSING

Integrated dosing systems ensure precise addition of actives, color, and fragrance every time.



TRACEABILITY

Documentation and data capture support quality assurance and regulatory requirements.



A 50-liter batch can fail for the same reasons as a **5,000-liter batch**.

Control the variables. Protect your reputation.
Build quality in—**batch after batch**.



WHAT EQUIPMENT DO YOU REALLY NEED?

The answer depends on the product you manufacture.

1 POWDERS

EXAMPLES

Loose Powder, Mineral Makeup,
Dry Shampoo, Powder Masks



KEY NEEDS

-  Blending Uniformity
-  Dust Control
-  Accurate Minor Ingredient Dosing

2 LIQUIDS & EMULSIONS

EXAMPLES

Serums, Lotions,
Shampoos, Cleansers



KEY NEEDS

-  Agitation
-  Shear
-  Hydration
-  Temperature Control

3 PASTES & HIGH-VISCOSITY PRODUCTS

EXAMPLES

Balms, Gels, Scrubs,
Body Butters



KEY NEEDS

-  Torque
-  Wall Scraping
-  Heating/Cooling
-  Vacuum



The product determines the equipment —
not the other way around.



YOUR FIRST PROFESSIONAL MIXING SYSTEM

A compact system can do more than just mix.

Starting your production journey? Our compact mixing systems are the perfect first step toward professional results.

Engineered with the same precision and quality as our larger platforms, these systems deliver accurate temperature control, consistent mixing, and reliable scalability—so you can grow with confidence.

Invest once. Build right. Upgrade when you're ready. That's the **PROC-X** way.

Heating / Cooling Jacket

Precise temperature control for optimal product quality.

Load Cells

Accurate weight measurement for repeatable batches.

Variable-Speed Agitation

Consistent results for creams, lotions, gels, and more.

Touchscreen Controls

Intuitive interface for precise control and easy operation.

Optional High Shear & Vacuum

Expand capability with dispersion and degassing options.

Bottom Discharge

Fast, clean, and efficient product discharge.

STARTER SIZES TO FIT YOUR NEEDS

25 L CLASS

Ideal for R&D, sampling, and small batch production.



50 L CLASS

Perfect for pilot runs and early market launches.



100 L CLASS

Scale up with confidence and improve batch efficiency.



250 L CLASS

Increase output while maintaining precision and product quality.



BUILT TO GMP STANDARDS

Designed for quality, safety, and compliance.



ENGINEERED TO GROW

Upgrade and expand as your business scales.



RELIABLE BY DESIGN

Durable construction for dependable performance.



FASTER TO MARKET

Get to production sooner with turnkey solutions.



SUPPORTED EVERY STEP

Expert guidance from selection to startup and beyond.

SMALL-BATCH LIQUID PROCESSING

Stable emulsions. Better texture. Repeatable results.

Small-batch lotions, creams, serums, and cleansers demand precise control at every step. Our **EmulXion** vacuum emulsifying systems are engineered to deliver consistent, high-quality formulations with superior texture, stability, and performance.

From concept to consumer, **PROC-X** helps you scale with confidence—batch after batch.



EmulXion

EMULSIFICATION TECHNOLOGY

Engineered for superior texture and long-term stability.



Great products begin with great process control. **EmulXion** systems combine controlled agitation, high-shear emulsification, precise temperature management, and vacuum deaeration to ensure uniform dispersion, eliminate air, and protect sensitive actives. The result is a smooth, stable, and luxurious finish—every time.



CONTROLLED SHEAR

Variable-speed high-shear mixers deliver uniform emulsions and optimal droplet size distribution.



TEMPERATURE MANAGEMENT

Accurate heating and cooling maintain ideal process temperatures for stability and repeatability.



POWDER INDUCTION

Dust-free powder addition ensures smooth incorporation and lump-free formulations.



VACUUM DEAERATION

Vacuum removes entrapped air to improve texture, stability, and shelf-life.



CONSISTENT QUALITY



SUPERIOR TEXTURE & STABILITY



REPEATABLE RESULTS



EASY SCALE-UP PATH



MANUFACTURING GROUP

SMALL-BATCH POWDER MANUFACTURING

Uniform blends without oversized capital cost.

From mineral cosmetics and dry shampoo to powder masks and functional beauty powders, **PROC-X** systems deliver repeatable quality and clean, efficient production—at the scale your brand needs.

Our integrated powder process solutions ensure consistent blends, minimal dust, and accurate dosing of even trace ingredients. Built for small-batch flexibility and cleanability, our systems help you launch faster, test more, and scale with confidence.



• Fine Milling /
Sifting



• Compact
Powder Blender



• Precision
Dosing Station



BLENDING UNIFORMITY

Consistent results
batch after batch.



DUST CONTROL

Sealed systems keep
powder where it
belongs.



AGGLOMERATE REDUCTION

Breaks up clumps for
smoother, more
consistent texture.



ACCURATE MINOR INGREDIENT ADDITION

Precision dosing ensures
potency and product
performance.

Engineered for powders that perform. From silky mineral foundations to volumizing dry shampoos and detoxifying powder masks, **PROC-X** powder systems deliver the control, cleanliness, and consistency your formulations demand. Compact footprint. Big performance. Purpose-built for modern beauty brands.



VACUUM PROCESSING SOLUTIONS

Gentle, low-shear transfer and
blending that protects delicate
powders and actives.



POWDER HANDLING & PROCESSING

Milling, sifting, and conveying
solutions for efficient, dust-managed
powder production.



AUTOMATED INGREDIENT SYSTEMS

Automated dosing and traceability
for precise, repeatable minor
ingredient addition.



MICRO DOSING FOR SMALL BATCHES

When the batch is small,
accuracy matters more.

Small-batch cosmetic production often depends on accurate, low-dose additions of pigments, actives, fragrances, and specialty ingredients. Our **AIS** micro dosing stations deliver precise, repeatable results — even at gram-level additions — so your formulas perform exactly as intended.



100 kg batch
at 0.1% = **100 g** active



Precision Weighing

High-resolution load cells ensure gram-level accuracy and repeatability.



Barcode Verification

Scan ingredients to confirm identity, lot, and expiry before dosing.



Recipe Sequencing

Automated add order and tolerances help eliminate mistakes.



Operator Guidance

Clear on-screen prompts make dosing simple, fast, and foolproof.



Batch Records

Automatic data capture for full traceability and compliance.

Built for flexibility and performance, our micro dosing systems support a wide range of ingredients and container sizes. From R&D labs to boutique brands, **AIS** micro dosing delivers the accuracy and control you need to scale with confidence.



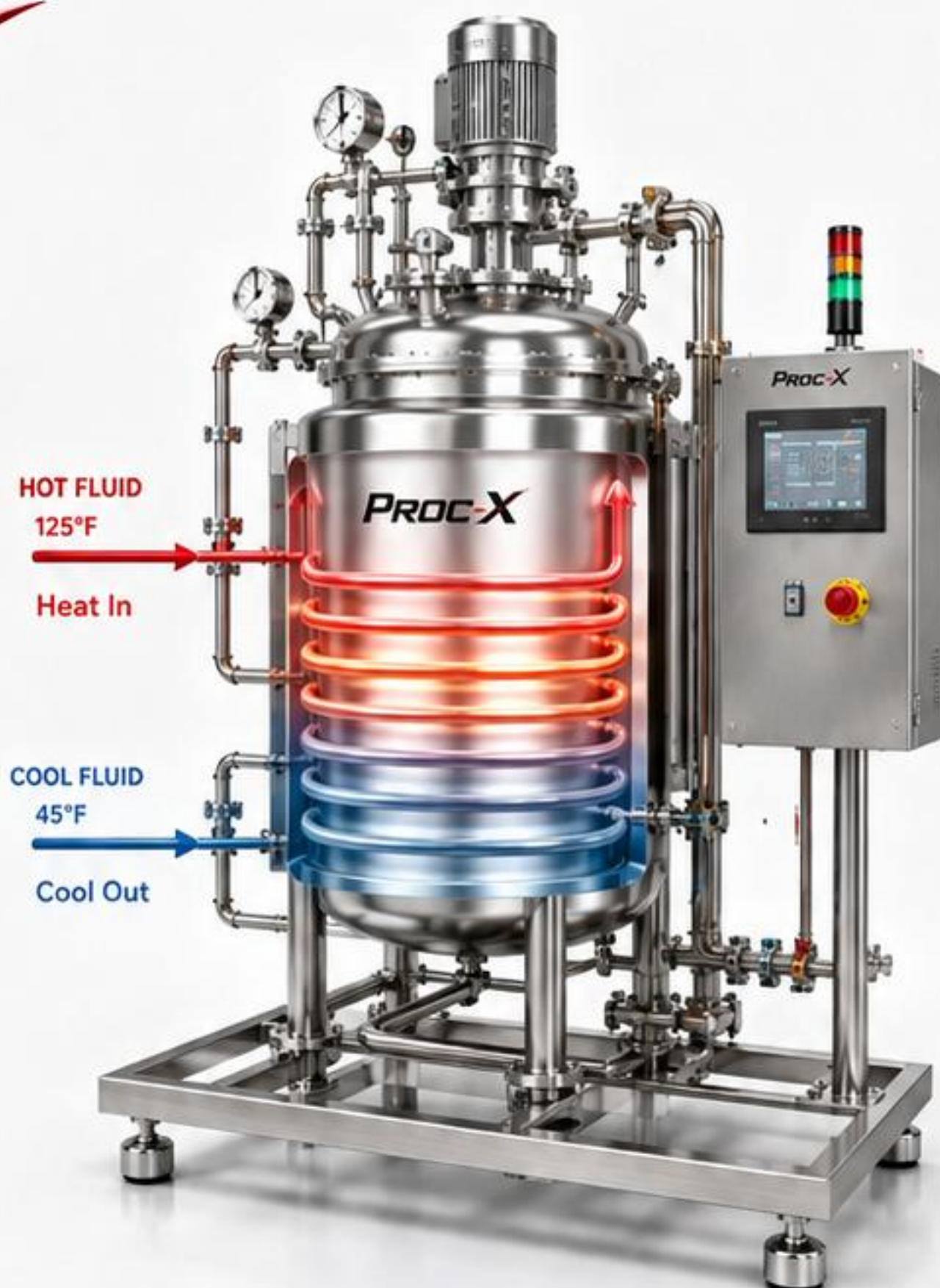
SMALL BATCHES. **PRECISE RESULTS.** EVERY TIME.

HEATING, COOLING & VACUUM CONTROL

Thermal control and deaeration elevate product quality.

Precise temperature management and vacuum control are essential for creating superior cosmetic products. **Proc-X** systems deliver accurate heating, efficient cooling, and powerful vacuum to melt, blend, emulsify, and deaerate — ensuring smooth texture, stability, and a premium finish.

From rich creams to delicate gels, our jacketed vessels and integrated vacuum systems give you complete control at every stage of the process. The result: consistent quality, improved efficiency, and products your customers will love.



FASTER MELT & MIX

Efficient heating speeds melting and improves throughput.



CONTROLLED COOLING

Rapid, even cooling ensures stability and the right texture.



REDUCED AIR ENTRAPMENT

Powerful vacuum removes trapped air for smoother, denser products.



IMPROVED FILL ACCURACY

Consistent density and flow for precise filling and fewer giveaways.



PREMIUM FINISHED APPEARANCE

Silky texture, glossy finish, and long-term product consistency.



IDEAL FOR A WIDE RANGE OF COSMETIC PRODUCTS

Our systems are engineered for creams, lotions, balms, waxes, gels, serums, and emulsions — delivering the thermal control and deaeration needed for flawless performance and appearance.



BUILT FOR PERFORMANCE. ENGINEERED FOR EXCELLENCE.

Proc-X heating, cooling, and vacuum systems are built to help you produce better products, faster — with the reliability and precision your brand demands.



STARTER FACTORY CONCEPTS

Three practical entry-level production packages.

1 LIQUIDS & EMULSIONS

- 50–250 L reactor
- Premix vessel
- Pump
- Semi-automatic filler



Ideal for serums, lotions, toners, creams, emulsions, and liquid skincare products.

2 POWDER COSMETICS

- 25–200 L powder mixer
- Sifter or mill
- Dosing station
- Compact filling



Perfect for loose powders, pressed powders, bath salts, masks, and dry skincare.

3 BALMS & PASTES

- 25–150 L scraped-wall or planetary mixer
- Heated discharge
- Filler



Built for rich creams, balms, butters, ointment bases, hair pastes, and waxes.



SMARTER STARTS. STRONGER GROWTH.

These starter concepts are designed to get you producing efficiently and professionally — with room to grow. Each package is fully customizable to fit your product, your space, and your goals.



RIGHT-SIZED
INVESTMENT



FLEXIBLE &
SCALABLE



PRECISE &
REPEATABLE



BUILT FOR
COMPLIANCE

> There is no universal cosmetic starter package — the right system is **built around your product.**

START SMALL. BUILD RIGHT.

Scale with confidence.

Every great brand begins with a vision. Proc-X makes it possible to turn that vision into reality—with scalable equipment, engineered solutions, and expert support at every step.

From lab to large scale, we deliver integrated solutions for **powders, liquids, emulsions, pastes, dosing, filling, and inspection**—built for success from the start and designed to grow with your brand.



Lab



Pilot



Small
Production



Commercial
Production

THE PROC-X PLATFORM



POWDER HANDLING
& PROCESSING

Engineered for
precision and
clean performance.



AUTOMATED INGREDIENT
SYSTEMS

Accurate. Efficient.
Consistent every
time.



VACUUM PROCESSING
SOLUTIONS

Superior results
with vacuum
technology.



EMULSIFICATION
TECHNOLOGY

Smooth, stable,
high-quality
formulations.



PROCESS & BATCH
SOLUTIONS

Integrated systems
for batch control
and traceability.



INSPECTION
SOLUTIONS

Ensure quality,
protect your brand,
build trust.



MODULAR GROWTH
Solutions that scale
as you grow.



PROFESSIONAL QUALITY
Built to meet the highest
standards and expectations.



PROCESS EXPERTISE
Decades of experience
driving your success.



GLOBAL SUPPORT
Responsive service.
Worldwide resources.

START SMALL. **BUILD RIGHT.** GROW LIMITLESS.