

About TriContinent Scientific



Liquid-Handling Solution for OEMs Worldwide



Ingersoll Rand is a global market leader with a broad range of innovative and mission-critical air, fluid, energy, and medical technologies, providing services and solutions to increase industrial productivity and efficiency.



300+ years of combined industry experience, innovative expertise and history

Headquarters: Davidson, North Carolina, USA

Ingersoll Rand is comprised of four reporting segments including Precision and Science Technologies. TriContinent along with ILS, Thomas, Welch and Zinsser are focused on lab and life science applications.

TRICONTINENT

ILS

THOMAS

WELCH

**ZINSSER
ANALYTIC**

Locations in
50+ countries worldwide

40+ brands with **100,000+**
global customers

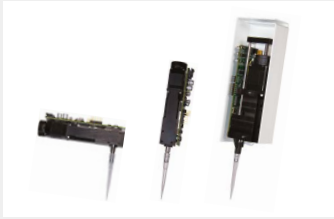
NYSE ticker **IR** and corporate
website **www.irco.com**

Precision OEM Syringe Pumps and Liquid Handling Robots

TRICONTINENT

TriContinent is a leading manufacturer of liquid handling solutions for Original Equipment Manufacturers (OEMs) in the medical, pharmaceutical, biotechnology, and laboratory industry. With its experienced Engineering, Technical, and Operations staff and capabilities, TriContinent designs and manufactures standard and customized syringe pumps, rotary valves, syringes, and liquid handling (XYZ) robots that meet the precise needs of its customers. Backed by over 45 years of engineering excellence and innovation, and a global manufacturing network, TriContinent stands out as the reliable choice for OEMs worldwide.

TriContinent Milestones



2017

Expanded
Air-Displacement
Pump Line



2009

Consumables
Syringes/Valves



1995

ISO Certified



1986

MicroPlate
Processors



1978

Positive
Displacement
Pipettes



1975

Company
Incorporation



2020

Gardner Denver
merges with
Ingersoll Rand



2015

Acquired by
Gardner Denver



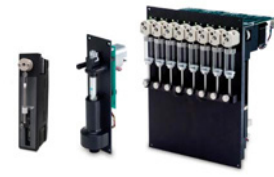
2000

Lab Automation
Robotics



1989

OEM Syringe
Pumps



1983

Air Displacement
Pipettes



1975

Microplate
Dispensers



Product Overview



POSITIVE DISPLACEMENT PUMPS

A wide range of syringe pump modules designed for precision and accuracy and offer a unique combination of stable low flow and low pulsation for various liquid handling applications.



SYRINGES AND VALVES

Vertically integrated to offer a wide array of long-life rotary shear valves and syringes.



AIR DISPLACEMENT PUMPS

Full line of compact electronic air displacement pipetting modules designed for simple mounting to any liquid handling robotic gantry.



LIQUID HANDLING XYZ ROBOTS

Scalable, adaptable OEM robotic modules designed to provide high-resolution error detection.



MICROPLATE WASHERS & MANIFOLDS

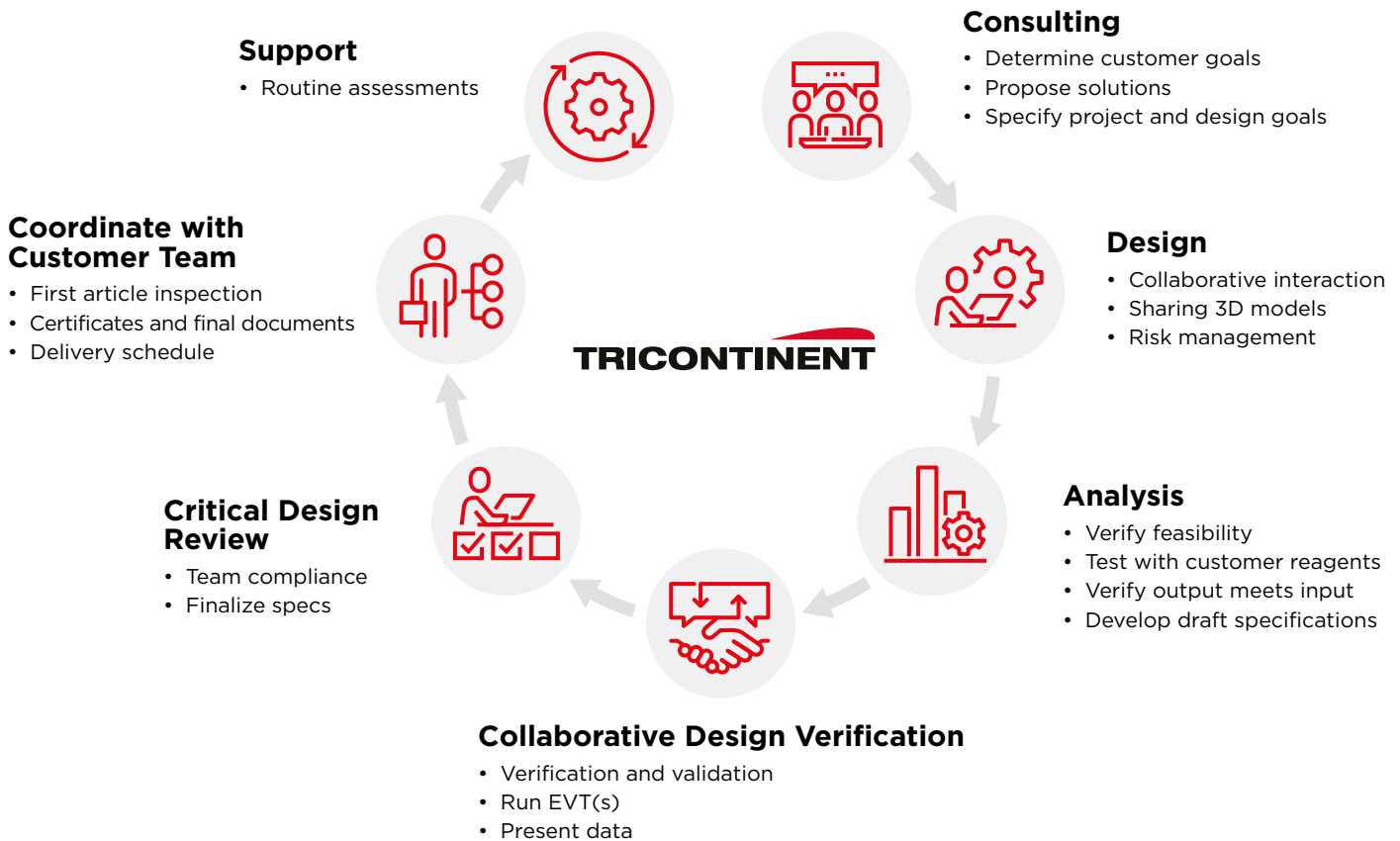
Simple, dependable and accurate microtiter plate washer ideal for Laboratory Bench Top.



PIPETTES

Highly compact micropipettes engineered for precision dispensing. Wide range of volumes makes it ideal for varied Life Science Applications.

Why choose TriContinent as your liquid handling partner?



CUSTOM OEM SOLUTIONS FOR YOUR LIQUID HANDLING NEEDS

Supplying the world's biggest manufacturers of biotechnology, diagnostic, and analytical equipment, we have earned a reputation as tailored OEM solution for all microfluidic applications.



HIGH QUALITY STANDARDS

TriContinent stands for the high quality in the industry, and quality is woven through every part of the manufacturing process. The ISO 13485: 2016 Certification for the design and manufacture of Medical Devices confirms that we follow stringent requirements for planning, management, resources, production, and quality control procedures.



EXPERT ENGINEERING, TECHNICAL SUPPORT, AND CUSTOMER SERVICE

Our personnel is finely tuned to the critical disciplines of liquid handling instrumentation. Development staff includes experienced electrical, mechanical, plastics, fluid dynamics, and software engineers. Our experience and dedication to your project allow us to meet - and exceed - our customers' expectations on every step of an OEM project.



INHOUSE TEST LABS AND GLOBAL FOOTPRINT

We are at your service - globally - to support your needs with an experienced R&D, Engineering, Sales, Production, and Support team. TriContinent runs life testing using customer protocols, reagents, and instruments, when available. On top of that, we provide in-house testing capabilities that include: vibration and shock, environmental, electrical safety, and gravimetric analysis.

GENERAL CONTACT

AMERICAS

Tricontinent Scientific Inc.

12740 Earhart Avenue
Auburn, CA 95602
USA

Tel: +1 530 273 8888

Fax: +1 530 273 2586

liquidhandling.tcs@gardnerdenver.com

ASIA PACIFIC

**Gardner Denver Thomas Pneumatic
Systems (Wuxi) Co., Ltd.**

No. 1 New Dong An Road
Shuofang Town
Wuxi, Xinwu District
Jiangsu 214142
China

Tel: +86 510 6878 2258

Fax: +86 510 6878 2200

tricontinent.cn@gardnerdenver.com

EMEA

Gardner Denver Thomas GmbH

Livry-Gargan-Str. 10
82256 Fuerstenfeldbruck
Germany

Tel: +49 8141 2280 0

Fax: +49 8141 8892136

thomas.de@gardnerdenver.com

Please check out all our brands for your mission-critical flow control technologies:

**TRICONTINENT**

Syringe Pumps
tricontinent.com

**WELCH**

Vacuum Pumps & Systems
welchvacuum.com

**ZINSSER
ANALYTIC**

Lab Automation
zinsser-analytic.com

**ILS**

Syringes
microsyringes.com

**THOMAS**

OEM Pumps
gd-thomas.com