

A detailed view of a modern industrial beverage bottling plant. The scene shows a complex system of stainless steel machinery, including conveyor belts, filling nozzles, and bottling stations. Numerous clear glass bottles are visible at various stages of the production process. The facility is characterized by its clean, metallic surfaces and organized layout. A large, dark blue diagonal graphic element is positioned on the left side of the image, serving as a background for the text.

Total solutions for food and beverage manufacturing





PTI PACIFIC is a 100% Australian owned company with over 10 years' experience in the food and beverage, pharmaceutical and medical industries. We specialise in the manufacture and distribution of unique process and monitoring equipment for food and beverage manufacturers with a total quality focus to everything we do and install.

We Engineer, We Manufacture

PTI PACIFIC is a genuine manufacturer and leading innovation company within the Australian and New Zealand food and beverage industry that is generating excitement around the world. Most notably is the flagship Molecular Carbonation and Beverage Gas Management machines that are built right here in Melbourne, Australia. In addition to being the leading authority on Gas Management and Monitoring, PTI PACIFIC manufactures beverage membrane systems including Reverse Osmosis for wine flavor and chemical adjustment plus Crossflow and Microfiltration systems for wine and beverage filtration and stabilisation.

Experts in the Management of Dissolved Gas in Beverages

PTI PACIFIC is the leader in the management of dissolved gases in beverages and water with a complete range of machines designed for inline carbonation, plus the removal and control of other gases such as CO₂, N₂, other Volatile Organic Compounds (VOC) and even alcohol. We have experience like no other in this area.

Specialists Control & Monitoring

PTI PACIFIC partners with some of the world-leaders in process and laboratory monitoring equipment including ACM and Polestar Technologies to accurately measure and control critical parameters needed for reliable and consistent beverage production with high-tech equipment. Such measurements can include: Carbonated and Dissolved CO₂, Optical O₂, Brix, Plato, Alcohol, pH and more.

In addition to single-function sensors and meters, PTI PACIFIC has the ability to supply complete measurement terminals for large production facilities requiring multiple parameter measurement and total automation integration.

Bottling, Canning & Packaging Specialists

With the capability of supplying single components or a complete turnkey plan, PTI PACIFIC is your partner for any size bottling and packaging project. We work with leading manufacturers from all over the world to offer a service solution like no other. Whilst other companies are selling equipment from catalogues, PTI PACIFIC invests in engineers, project and quality management specialist to not just supply high quality machines, but a turnkey business solution that works well after hand-over. We walk away from every project knowing that

we offer the most comprehensive package of any company. We have genuine care from the first meeting until well after the equipment is installed, that's the real difference.

Bottling Rinsing, Filling & Closure Machines

Premium stainless steel automatic filling and capping equipment from the world's leading manufactures.

- Monoblock or stand-alone equipment stations for still, carbonated, viscous or other liquid filling requirement in glass or PET
- Specialist Low-oxygen filling technologies for O₂ sensitive products such as beer and wine.
- Manual and automatic depalletisation and palletisation technologies.
- Cork, screw cap or crown seal closure system.

Premium Canning Equipment

Stainless steel automatic carbonated/nitrogenated canning systems with rotary isobaric and purge-filling technologies.

- USA or German manufactured inline purge-filling or counter-pressure systems.
- Manual and semi-auto purge/filling systems from 8-12 cans per minute.
- Automatic inline purge/filling systems up to 88 cans per minute.
- Multi-function all-in-one canning and bottling machines.

Keg Filling & Cleaning

Premium stainless steel manual and automatic keg filling, cleaning and sterilising equipment.

- Keg filling.
- Internal and external cleaning and sterilisation.
- Standard, party and large-bottle filling.
- Microbreweries up to 200L.

Labelling

- Linear Self-adhesive and hot-glue labelling systems.
- High-speed and rotary labelling systems.
- Manual adjustment and full PLC integrated systems.
- Optical inspection.
- Inkjet and laser coding and printing.



Water deaeration plant – CSL, Melbourne, Australia



UV disinfection – Nu-Pure Beverages, Melbourne, Australia

CIP & Sterilisation Technologies

- Custom and turnkey hot water and steam sterilisation equipment.
- Sterilisation and anti-microbial management systems.
- Water filtration and disinfection.
- Installation and servicing.

Filtration & Purification

With a combined 14 years' experience in process filtration PTI PACIFIC is your first choice for liquid and air treatment. As the exclusive partner of Sartorius Stedim and their premium filter cartridges and membrane technologies, PTI can supply or design any system needed to total control of particulates or microbiological contamination sources.

PTI PACIFIC are membrane specialists. This means more than filters and cartridges, but a genuine manufacturer and innovator of a range of high-quality Gas Management, Filtration and Purification technologies including Reverse Osmosis for wine and beverage adjustment and turnkey automated microfiltration and crossflow filtration plants and of course the specialist Molecular Carbonation and Degassing technologies.

Our water treatment division can service any new or existing filter plant. Our water treatment solutions include sand, carbon and media filtration, membrane filtration and purification plus UV and ozone disinfection.

Shelf-life Extension & Antimicrobial Processing Aids

PTI PACIFIC has a long standing partnership with Foodcare Technologies and their range of natural antimicrobial and shelf-life extension processing aids. These naturally derived liquid and powder processing aids are designed to respect the flavour and integrity of the fresh or cut fruit and vegetable, or beverage and food product produced.

Foodcare specialist natural aids allow producers to control bacteria, yeast and mould as well as maintaining flavour and freshness in a variety of applications such as:

Beverages, Sauces, Jams, Dips and similar food products

Microbial stabilisation of beverages and foods naturally with Foodcare AMB. This powder processing aid prevent cell reproduction by physically effecting the membrane and cytoplasm of the spoilage organism resulting in a longer lasting and more profitable 'clean label' beverage or food without having to resort to preservatives.

Cut Vegetables, Salads and Fruits

Clean-label processing aids for maintaining freshness and integrity after the cutting and processing of fruits, vegetables and salads. A range of products are available to control microbial contaminants as well as prevent pinkening, browning and other enzymatic reactions caused during processing. Also available is a specialist product for the protection of processed potatoes to extend the life and minimise the accumulation of harmful acrylamide build up during roasting, frying and baking.

OUR SUPPLIERS



GE Power
Water & Process Technologies





100% Australian owned and manufactured

Complete onsite service specialists



Australian Government
Department of Industry,
Innovation and Science

Business

Proudly supported by the Australian Government through
an Accelerating Commercialisation Grant.



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