



Galvin Specialised Research + Education **ProLab® Research Laboratory Tapware**



Research Laboratory Specialists

- **Vandal resistant fittings standard**
Suitable for both educational & scientific facilities.
- **Specialised headworks**
Secures precise flow and regulation for different media.
- **Colour coded handles**
Chemical symbols according to DIN EN 13792 norm for convenient indication of media.
- **Replaceable headworks**
Easy and low cost maintenance practices.
- **Polyester powder coating**
Better chemical, UV light and heat resistance than chrome plating.





Laboratory Tapware Specialists



ProLab® laboratory solutions are used by professionals in various types of research laboratories including those in the educational, health and industrial chemical sectors.

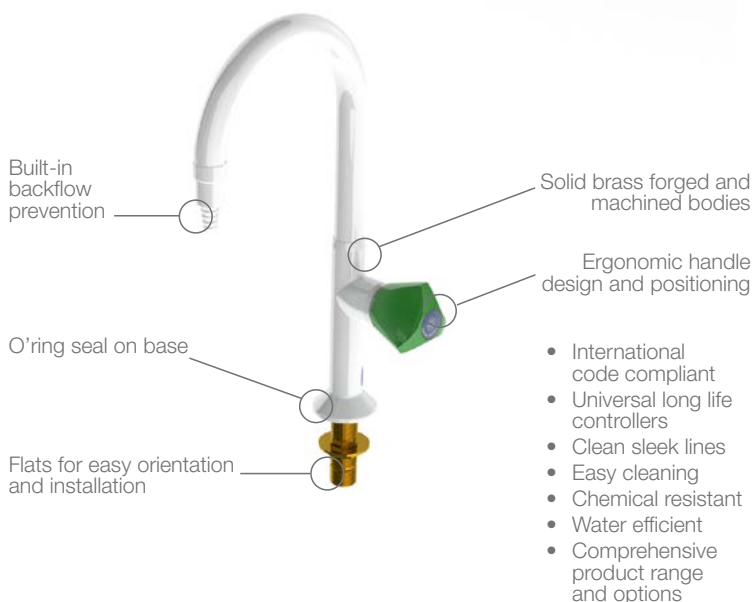
Modern laboratories need to meet the highest international standards and selecting the right fitting is critical in an environment where experiments depend on non-contamination.

The ProLab® laboratory range have been designed and manufactured with the unique requirements and challenges of modern laboratories in mind. These fittings offer great performance, durability, easy operation and flexibility, along with an easy-to-clean and attractive appearance.

The range of taps and valves are primarily manufactured from high quality dezincification resistant brass and are surface finished in chemical resistant polyester powder coat. This makes them ideal for laboratory environments.

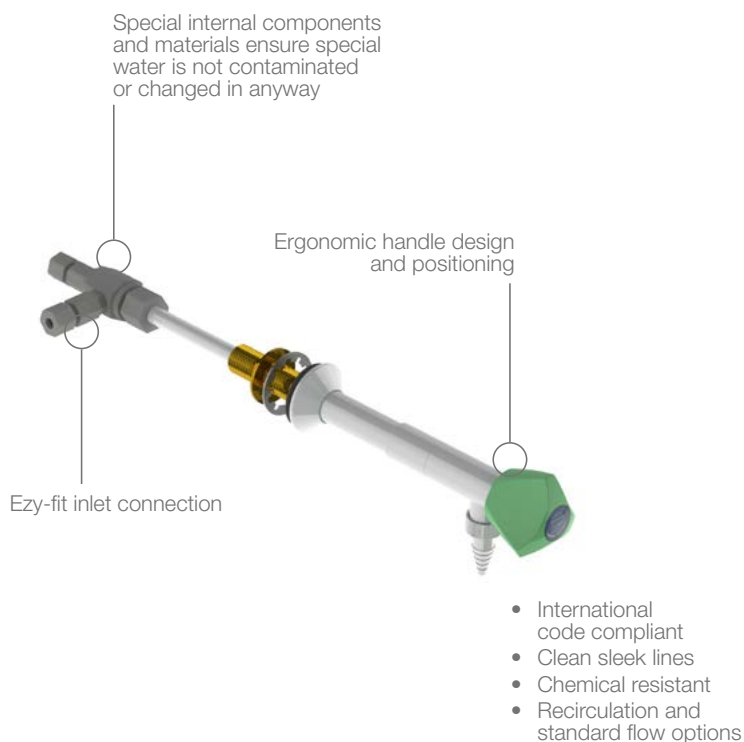
Understanding that safe, flexible, functional and quality products are an integral part of laboratory design allows us to develop custom solutions for large and small projects.

As an ISO 9001 and ISO 14001 certified company, our commitment to quality and the environment is paramount. This extends not only to the products we make, but the way we make them.



Water

ProLab® water laboratory tapware is engineered for superior performance and durability. The ProLab® Water ranges are designed to protect scheme or potable water supplies and are fitted with mini dual check valves to prevent backflow into a potable water system. The tap mechanism comes standard with needle valve headwork which ensures a reliable and highly controllable flow.



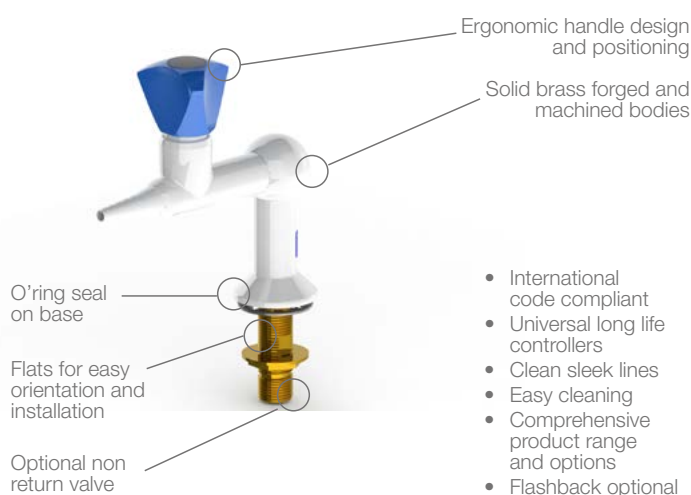
Special Water

In laboratories the water supply may be treated to ensure maximum purity. This is critical for certain experiments where contaminants in the water must be avoided. Special water systems can achieve this purity in a number of ways including:

- Demineralisation (boiling)
- Reverse osmosis
- Treatment with UV light
- Ultra filtration
- Desalination

Special water becomes the catchall phrase for water which is either deionised, distilled or purified. Special water can become chemically aggressive and normal brass fittings will quickly corrode. Our special water fittings systems use materials which have been designed and tested for use with treated water and all our components are selected to ensure maximum corrosion resistance.

As well as protecting the fittings, which ensures years of problem-free operation, our fittings for special water are designed with componentry and technologies to safeguard the water supply. This means treated water provided through our tapware is not contaminated or changed in any way.



Dry Services

Non-burning gases are typical industrial gases which are 99% pure. ProLab® laboratory taps and valves for non-burning gases can be used with non-toxic, non-corrosive and non-burning gases, such as compressed air, nitrogen, carbon dioxide, argon, etc.

Laboratories often require the use of suction. Suction is a flow of media into a partial vacuum, or region with low pressure. Suction tapware is used to clean surfaces, containers or tubing of residues or other chemical contaminants. ProLab™ can be safely used in vacuum and suction systems.

Burning Gas

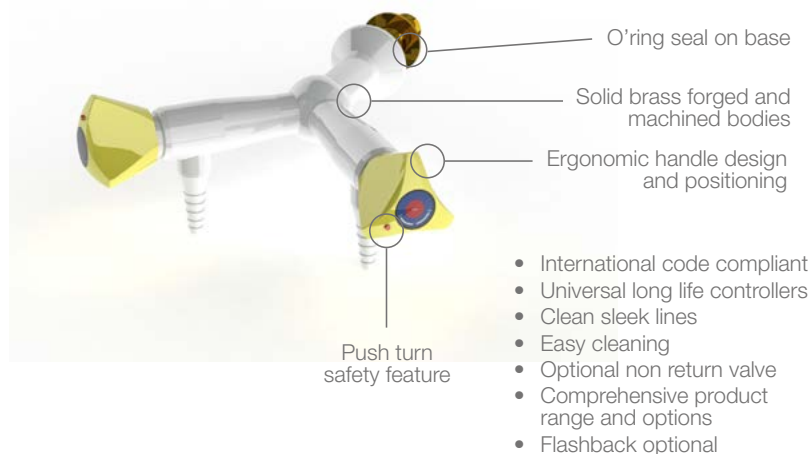
Burning or flammable gases are classified as those that burn or explode in the presence of air or oxygen. ProLab™ laboratory taps and valves for burning gases are designed and manufactured to be suitable for natural gas (G), liquefied petroleum gas (LPG) and low pressure bottle gases such as:

- Propane
- Butane
- Methane
- Acetylene
- Hydrogen

These gases are typically commercially manufactured and sold to be used in applications within:

- Laboratory and instrumentation
- Chemical and petrochemical industry sectors

Please always refer to local regulations when installing the products for burning gases.





Burning Gas Low Pressure (Lift-Turn)

The ProLab® range of Lift-Turn gas turrets are suitable for low pressure gas systems and are AGA approved to a maximum pressure of 7kPa. Designed for safety, a user must first lift the handle before turning to activate the turret. This prevents the valve from being accidentally opened. The range of Lift-Turn turrets are manufactured from the highest quality materials. They comply with DIN EN 13792 colour requirements and are finished in white epoxy coating with yellow handles.

Please always refer to local regulations when installing products to be used with burning gases.

Fume Hood Tapware

ProLab® Fume Hood Tapware and Outlets are available to suit all common laboratory services. Tapware powder coated surface finish provides excellent protection against corrosion, discoloration and surface damage to the control handle and outlet.

ProLab® handles are designed to give precise feedback and fingertip control. Handles are colour coded for easy service identification and use complimentary buttons.

The Fume Hood outlets are also colour coded for easier identification with the paired control handle.

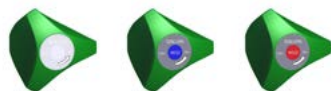
Colour coding of taps and valves for laboratories to DIN EN13792

Water



Potable water, cold Potable water, hot Non-potable water, cold Non-potable water, hot

Special Water



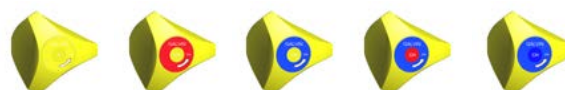
Distilled water Deionised water, cold Deionised water, hot

Vacuum



Low vacuum Fine vacuum

Burning Gas

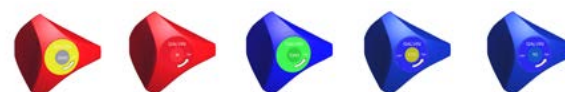


Natural gas Liquefied gases propane/butane Methane Propane Butane



Ethane Propene Acetylene

Dry Services



Argon/methane Hydrogen Nitrogen Compressed air Oxygen



Carbon dioxide Argon Helium



**A family
owned
Australian
business**

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