



## Cylinder Valve Assist Device - PIB CS24001

The safe and efficient handling of gas cylinders is essential in laboratory, industrial, and field environments. ChromSolutions is proud to introduce a 3D-printed Cylinder Valve Assist Device, designed to make the opening and closing of gas cylinders simpler, safer, and more intuitive.

This robust, lightweight tool has been engineered with both ergonomics and safety in mind. It provides enhanced grip and mechanical advantage for turning cylinder valves, while offering additional protective and operational features.

### Key Benefits:

#### ✅ Enhanced Grip and Torque

The device features an extended, ergonomic design that gives users greater purchase and leverage, making it significantly easier to open or close stubborn cylinder valves—especially useful in cold, slippery, or tight environments.

#### 🧤 Thermal Insulation

3D-printed with an insulating material, the tool acts as a thermal barrier, protecting the user's hand from extreme temperatures often present around cylinder heads, particularly in outdoor or unheated storage areas.

#### 🔄 Clear Open/Closed Status Indicator

Integrated design features allow the user to visually identify valve status at a glance. This reduces the risk of unintentional gas release or system pressure issues and enhances overall site safety.



**Red – Off**



**Green – On**

Part Number	Product	Diameter (mm)	Height (mm)	Weight (g)
CS-CO-NFG-3D	Cylinder opener (Non Flammable Gas)	90	25	95
CS-CO-FG-3D	Cylinder opener (Flammable Gas)	90	25	95