



GAS APPARATUS SOLUTIONS OVERVIEW

Regulators • Valves and Connections • Mig/Tig Applications • Cutting Torch • Safety Products • Manifolds • Accessories

Company Overview

Genstar Technologies is a global leader in Gas Flow Control Systems for the industrial, specialty gas and medical sectors. We pride ourselves in our ability to provide our customers with high quality, value-added products and services that go beyond the industry standards. As a result, we have a global network of thousands of satisfied customers in over 60 countries.

Our Team

Our highly educated team of engineers, salespeople, technicians, managers, and customer service personnel are dedicated to providing you with products with the highest quality, reliability and performance. We hold the highest standards to our manufacturing processes; our total process management maximizes our production efficiency while ensuring product quality.

We work closely with all of our customers to design products specific to your needs. This includes developing new products, redesigning existing products, and customizing configuration / packaging. It is our priority to foster a strong relationship with each and every customer.



Quality Assurance

All of our products are manufactured under stringent quality control. Our products meet UL, CE, SEMI, and various international standards and certifications.

Manufacturing Capabilities

The manufacturing facility is equipped with CNC machining centers, electropolishing equipment, and precision automatic orbital welding systems, among other features, to ensure the production of the highest quality products.

Clean Room Facility

Our class 10/100/1000 clean rooms are designed for Ultra High Purity (UHP) products. UHP products undergo precision machining, surface finishing, electro-polishing and passivation. All UHP products are cleaned by 18M Ω DI water in a cascade ultrasonic tank. To ensure the highest UHP product quality, they are then vacuum-dried and double-bagged.



A TOTAL SOLUTION PROVIDER

Gentec is a total solution provider for your gas control needs. From components to fully integrated systems. Products are manufactured in ISO 13485 certified manufacture.



General Purpose

► Proweld Series, is the general purpose line for light to medium duty applications. Ideal for workshops, factories, and light repairs. Meets ISO 2503-2009

Series: 320, 330



High Pressure & High Flow Regulators

► **Gentec** high pressure and high flow series regulators provide users safe and reliable regulators for specialized applications.

Series: 591, 155HF



Heavy Duty Cutting Torch

► **Gentec** Heavy Duty Hand Cutting Torches are machined from high quality forged brass and stainless components. Ideal for medium/heavy duty cutting and scraping operations.

Series: 162S, 363S, 306T, 463, 142C, MC



Premium Medium/Heavy Duty Regulators

- ▶ The Gentec premium regulators are for professionals looking for high quality and high performance products. Built to meet UL standards.

Series: 152, 452, 153, 155



Mig/Tig Applications

- ▶ Gentec CO₂/AR range of products provide unparalleled performance for Mig/Tig applications. From thermostatically controlled heated regulators to heat-sink regulators.

Series: 198CD, 199CD, 194CD, 394CD, 791AR, 195AR



Safety Products

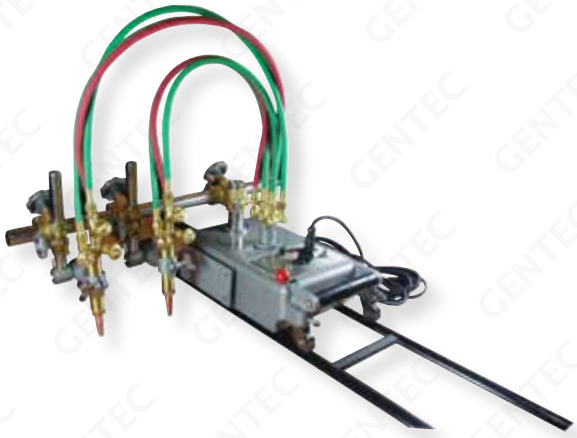
- ▶ Safety comes first. The Gentec line of flash-back arrestors and check valves ensures operators a peace of mind.
- ▶ Meet ISO 737-1 standards
- ▶ For use with torch, regulator, or pipeline

Series: FA, CV



Accessories

- ▶ A full line of accessories are also available for your welding needs: Pressure Gauges, Welding Hose, Goggles, Ground Clamps, Electrode Holders, Cable Connectors, etc.



Cutting Machine

▶ The GCM series Oxy-Fuel Cutting Machine is multi-purpose for automatic linear or circular cutting. DC drive control for constant and precise cutting speeds.

Series: GCM



Manifolds & Change Over System

- ▶ Auto Change over system
- ▶ Uninterrupted supply of gas



High Purity Valves

- ▶ Wide variety of materials and sizes
- ▶ Broad range of operating pressures and temperatures
- ▶ Multiple-channel style for the needs of gas systems

Series: Needle Valves, Ball Valves, Diaphragm Valves



Piping Accessories

- ▶ Pigtaills available in different lengths and connections
- ▶ 0.5 ~ 90 μm pore sizes available for inline or T-type filters

Series: High Pressure Pigtaills, Filters, Quick Connectors



High Purity Regulators

- ▶ Barstock body construction
- ▶ Used for corrosive & toxic gases
- ▶ Wide variety of materials and configurations
- ▶ Metal-to-metal seals

Series: R10, R20, R30, R40, R50, R60



Cylinder Post Valve and Connections

- ▶ Electrically polished Internally Multiple connections available Meets GB, CGA, DIN, JIS and other international standards

Series: V200, V300, V600, SS-CGA***, SS-DIN**, SS-BS**



Module Panel Solutions

- ▶ Used for laboratory, gas cabinets and other specialty gas applications
- ▶ Compact and space saving designs
- ▶ Customized solutions available to meet your specific needs
- ▶ Can be repaired on site



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