

**GC Valves**<sup>25</sup>  
A DEMA Company

# Direct Acting Solenoid Valves for Instrumentation

We work with medical, dental, and scientific OEMs to provide value-added total solutions. Compact C9 solenoid valves and solenoid valve manifolds are chosen by OEMs for air & gases, water, and similar liquids, chemicals, aggressive line fluids, vacuum, cryogenic fluids and much more

## Miniature and Manifold Valves



## Air, Gas, and Liquid Service



- Operation:** 2- & 3-way, normally closed, normally open, diverting, selecting
- Configurations:** Single solenoid valves and 2- to 6-station solenoid valve manifolds
- Pressures:** From vacuum to 2400 psi
- Media:** Most liquids & gases; specific designs for cryogenics, refrigerants & others
- Body Materials:** Bar stock & cast stainless steel; bar stock & forged brass; thermoplastics
- Seals:** FKM, FFKM, PTFE, Rulon, EPDM, Nitrile
- Other Options:** Nickel plating, gold plating, DIN coils, lead wire coils, junction boxes, explosion-proof housings, all common ac & dc control voltages, high-temperature H class coils, low power consumption coils, ports from 10-32 to 3/8" NPT, orifices to 3/8", oxygen cleaning, metering capabilities, UL, NSF, CSA, CRN, CE, cURus



# Cryogenics, Process Temperature Control, Healthcare, & more

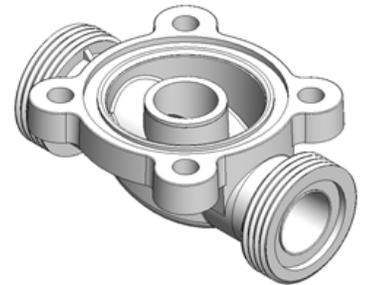
Agressive liquids, glycol, chemicals



## Engineering Capabilities

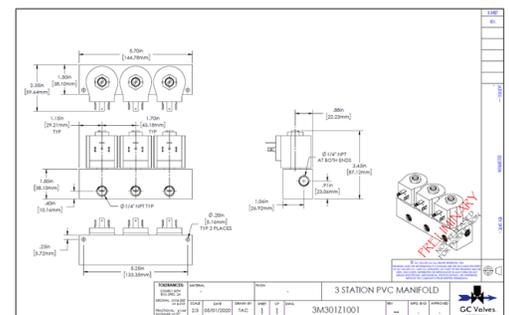
### 3D Modeling

- STEP files
- Solidworks part
- ACIS
- Pro/E and Creo part
- Parasolid files
- IGES files and more!



### Testing Capabilities

- Burst testing
- Noise
- Flow
- Torque
- Water hammer
- Life cycle
- Heat Rise and Hi-Pot (High Potential)
- Maximum operating pressure differential
- Minimum opening pressure
- Chemical Compatibility
- Internal and External leakage



### 3D Printing

- Quick delivery time
- Multiple materials
- Fitment check
- Low-pressure fluid testing
- Tangible design



[www.gcvalves.com](http://www.gcvalves.com)



[sales@gcvalves.com](mailto:sales@gcvalves.com)



800-828-0484