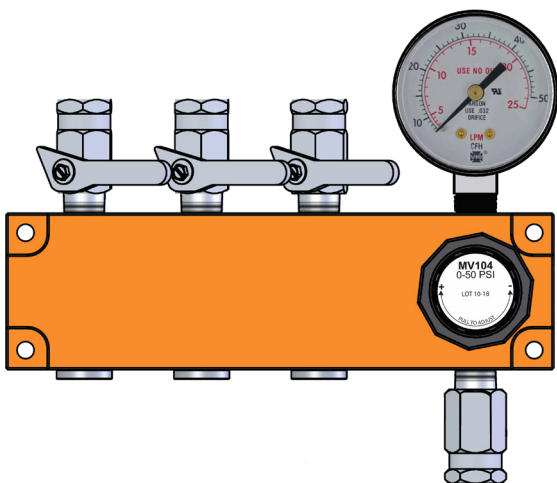




McDantim®
GAS BLENDING TECHNOLOGIES

W E L D

Improve the efficiency of your shop with McDantim's Blend Select Manifold. With up to 7 possible inlets, connect your Trumix® blenders and cylinders to have all the gas you need for your project, plumbed into your system without the need for additional piping. Just open the valve for whatever blend you need and get to work!



Blend Select Manifold





McDantim[®]
GAS BLENDING TECHNOLOGIES

W E L D

Blend Select Manifold in Action

We assisted with the installation of a large 3 blend out gas mixer panel, fitted with 24 Blend Select Manifolds at our technical college in Helena. Utilizing this location as a test facility for our new panel update and manifolds, we were able to speak with Glen after the installation. Due to the wide range of welding methods and materials, being able to switch gas blends in seconds is a fantastic, functional option.

“Two improved welding processes we see with the gas blending system would have to be in the Gas Metal Arc Welding process using different transfer methods such as spray, pulsed spray, profile pulse, Regulated Metal Deposition and of course the short circuit transfer mode.

The ability to switch between any of those processes by simply turning a different valve on for a different blend of gas is what really benefits us. Most of these industrial welding power sources are capable of all of the above transfer modes but they do require different blends of gas to achieve proper arc characteristics of each transfer method. It simply allows us to use the same electrode for a variety of processes without having to swap gas bottles.

It also allows us to weld a variety of different alloys without changing gas bottles. We can now use aluminum, stainless steel, carbon steel, silicon bronze, gas shielded flux core and many other exotic electrodes without ever changing a gas bottle.”

- Glen Zeigler, Industrial Welding and Metal Fabrication Instructor
Helena College of Technology