

Pneumatic Brain

Patented Intelligent control box only needs one compressed air line input to allow all the valves to "Talk" to each other. There are also multiple levels of redundancy built in to prevent gas escaping into the working environment.

Vaccum Break Line

Thoughtfully designed vaccum break line allows for free flow draining without the risk of oxygen entering the methane environment.

Water Flush Inlet

Allows for flushing of the middle isolation Butterfly Valve and manual filling and cycle of the drain tank.

Matenance Mode

Abillity to isolate the system and manually operate the midde and drain valve to check functionality.

Materials

ADS tanks and skid are constructed of heavy gauge steel then hot dip galvanised and painted yellow. All other components are stainless steel or brass and **NO** electric or aluminium components are used on the device.

Data Recording

Device records volume of water drained.

End Caps

Hinged End Caps with quick release couplings for easy one man opening and cleaning of the tanks.



Cost Saving

A case study was conducted at a Hunter Valley Mine and it was shown there was a potential \$7,800,000 labour cost saving over 5 years by using the ADS system.

Documentation

Design Risk Assessment
FMECA
Category Assessment
RPEQ certification
MDG 41 Audit
Pressure Tested to 1500kpa

Transport

Oversized fork pockets and 7 lifting/tie down lugs installed.

For more detailed information please email sales@ausmineeng.com.au