

## Switch to non-stop supply



## Features

- Logic-controlled auto change-over
- Constant uninterrupted supply
- High flow output - 2100 lpm @ 4.2 bar
- Stable discharge pressure & flow
- Visual & audible signal
- Pressure unit display options - bar, psi & kg/cm<sup>2</sup>
- Optimization of residual gas in cylinders

**Conforms to:** IS / ISO 7396 - 1 : 2016 + A1 : 2017  
IS / ISO 10524 - 2 : 2018, IS / ISO 10524 - 4 : 2008  
HTM 02-01 Part A : 2006

**Certifications:** ISO 13485:2016 – Medical devices – Quality Management Systems  
ISO 9001:2015 - Quality Management Systems

Amazon DS (2 source system)



Gas Services	Oxygen	N <sub>2</sub> O	AIR	4	AIR	7	N <sub>2</sub>	CO <sub>2</sub>	Mixed Gas
Flow LPM@4.2 bar	2100	2100	2100	2100	2100	2100	2100	2100	
<ul style="list-style-type: none"><li>• Micro processor controlled switch-over is accomplished automatically</li><li>• Automatically resets itself for next cycle when depleted bank is replenished. No manual resetting required</li><li>• Digital pressure indication for accurate reading</li><li>• Pressure unit options: bar, psi &amp; kg/cm<sup>2</sup></li><li>• Status indicators</li><li>• Pressure Stabilizer for stable discharge pressure &amp; flow</li><li>• Visual &amp; Audible signal</li><li>• Designed to suit all medical gases for gas specific usage</li><li>• Optimized residual gas</li></ul>									

Amazon D (2 source system)



Gas Services	Oxygen	N <sub>2</sub> O	AIR	4	AIR	7	N <sub>2</sub>	CO <sub>2</sub>	Mixed Gas
Flow LPM@4.2 bar	1350	1350	1350	1350	1350	1350	1350	1350	
<ul style="list-style-type: none"><li>• Pneumatic switch-over is accomplished automatically</li><li>• Automatically resets itself for next cycle when depleted bank is replenished. No manual resetting required</li><li>• Digital pressure indication for accurate reading</li><li>• Pressure unit options: bar, psi &amp; kg/cm<sup>2</sup></li><li>• Status indicators</li><li>• Pressure Stabilizer for stable discharge pressure &amp; flow</li><li>• Visual &amp; Audible signal</li><li>• Designed to suit all medical gases for gas specific usage</li><li>• Optimized residual gas</li></ul>									

Amazon (2 source system)



Gas Services	Oxygen	N <sub>2</sub> O	AIR	4	AIR	7	N <sub>2</sub>	CO <sub>2</sub>	Mixed Gas
Flow LPM@4.2 bar	1350	1350	1350	1350	1350	1350	1350	1350	
<ul style="list-style-type: none"><li>• Pneumatic switch-over is accomplished automatically</li><li>• Automatically resets itself for next cycle when depleted bank is replenished. No manual resetting required</li><li>• Analog pressure gauges for accuracy</li><li>• Status indicators</li><li>• Pressure Stabilizer for stable discharge pressure &amp; flow</li><li>• Visual &amp; Audible signal</li><li>• Designed to suit all medical gases for gas specific usage</li><li>• Optimized residual gas</li></ul>									

Amazon SA (2 source system)



Gas Services	Oxygen	N <sub>2</sub> O	AIR	4	CO <sub>2</sub>
Flow LPM@4.2 bar	450	450	450	450	450
<ul style="list-style-type: none"><li>• Pneumatic switch-over is accomplished automatically. Manual resetting required for next cycle of changeover</li><li>• Analog contact pressure gauges for accuracy and customized audio alarm settings</li><li>• Status indicators</li><li>• Stable discharge pressure</li><li>• Visual &amp; Audible signal</li><li>• Designed to suit most medical gases for gas specific usage</li></ul>					

Device Information

Conforms to	IS / ISO 7396 - 1 : 2016 + A1 : 2017 IS / ISO 10524 - 2 : 2018 IS / ISO 10524 - 4 : 2008 HTM 02-01 Part A : 2006
Inlet Connection	1" BSP, 3/4" BSP*
Outlet Connection	1/2" BSP, 3/4" BSP**

Manifold Header Connection	1/2" BSP
Modular Manifold Connection	5/8" BSP
Relief Valve Setting (Line Safety)	5.17 bar (75 psi)
Relief Valve Setting (High Pressure Regulator)	15.5 bar (225 psi)

\*Applicable only for Amazon SA  
\*\*Applicable only for Amazon DS

Technical & Ordering Information

Amazon DS

Display	Switching Mode	Manifold Setup	Gas Services	Inlet Pressure (Max)		Outlet Pressure (Max)		Flow lpm (Max)	Order Reference
				bar	psi	bar	psi		
Digital Display & LED Indicator	Micro processor controlled	Two source system with 2 banks of gas cylinders	Comp. O <sub>2</sub>	150	2175	4.2	61	2100	6176110
			N <sub>2</sub> O	110	1600	4.2	61	2100	6176410
			Med. Air (AR 4)	150	2175	4.2	61	2100	6176310
			Med. Air (AR 7)	150	2175	7	102	2100	6176510
			Nitrogen	150	2175	4.2	61	2100	6176710
			CO <sub>2</sub>	110	1600	4.2	61	2100	6176610
			Other Comp. Gas	150	2175	4.2	61	2100	Specify Gas

Amazon D

Display	Switching Mode	Manifold Setup	Gas Services	Inlet Pressure (Max)		Outlet Pressure (Max)		Flow lpm (Max)	Order Reference
				bar	psi	bar	psi		
Digital Display & LED Indicator	Pneumatic - pressure differential	Two source system with 2 banks of gas cylinders	Comp. O <sub>2</sub>	150	2175	4.2	61	1350	6173110
			N <sub>2</sub> O	110	1600	4.2	61	1350	6173410
			Med. Air (AR 4)	150	2175	4.2	61	1350	6173310
			Med. Air (AR 7)	150	2175	7	102	1350	6173510
			Nitrogen	150	2175	4.2	61	1350	6173710
			CO <sub>2</sub>	110	1600	4.2	61	1350	6173610
			Other Comp. Gas	150	2175	4.2	61	1350	Specify Gas

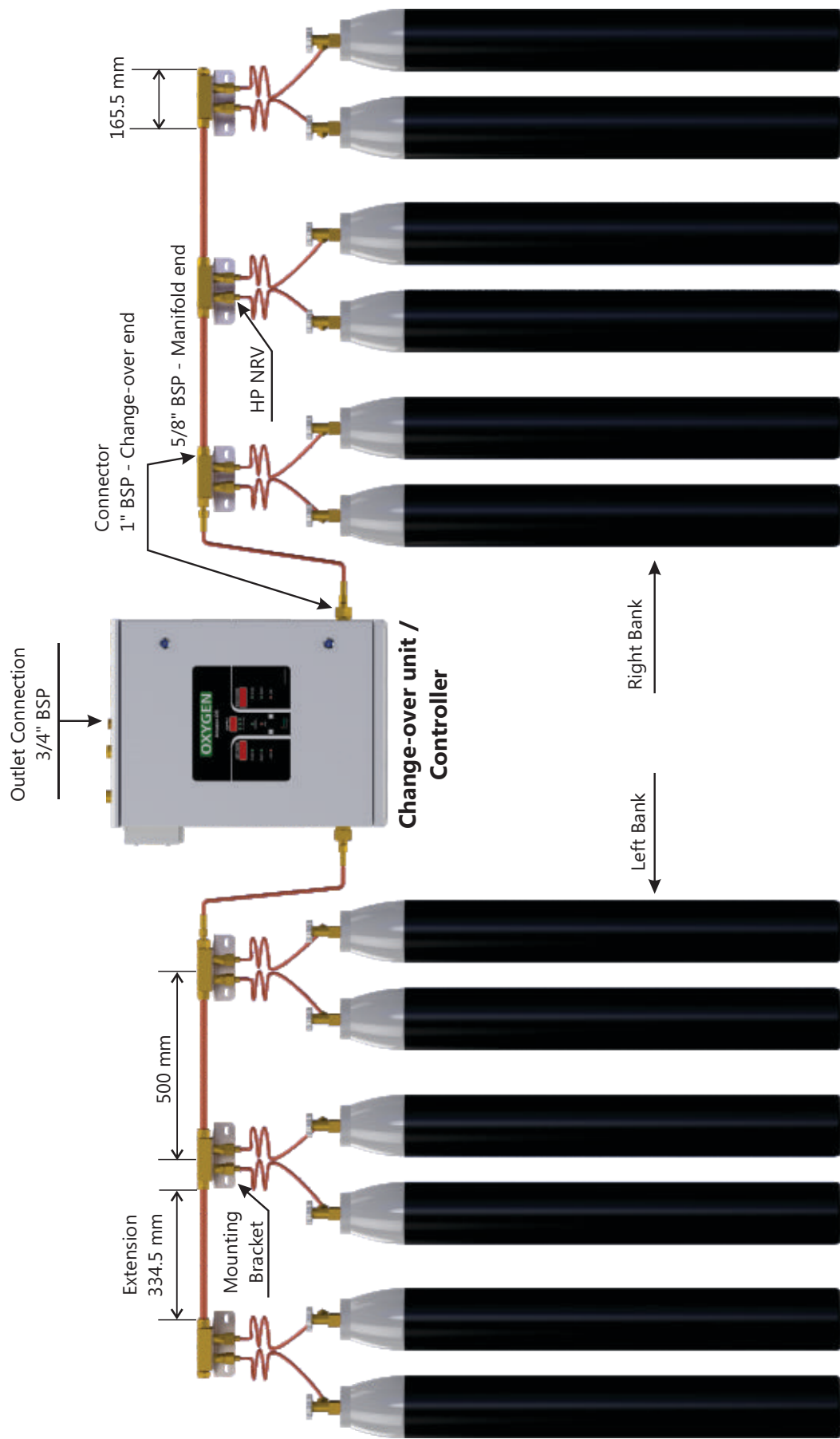
Amazon

Display	Switching Mode	Manifold Setup	Gas Services	Inlet Pressure (Max)		Outlet Pressure (Max)		Flow lpm (Max)	Order Reference
				bar	psi	bar	psi		
Analog Display & LED Indicator	Pneumatic - pressure differential	Two source system with 2 banks of gas cylinders	Comp. O <sub>2</sub>	150	2175	4.2	61	1350	6171110
			N <sub>2</sub> O	110	1600	4.2	61	1350	6171410
			Med. Air (AR 4)	150	2175	4.2	61	1350	6171310
			Med. Air (AR 7)	150	2175	7	102	1350	6171510
			Nitrogen	150	2175	4.2	61	1350	6171710
			CO <sub>2</sub>	110	1600	4.2	61	1350	6171610
			Other Comp. Gas	150	2175	4.2	61	1350	Specify Gas

Amazon SA

Display	Switching Mode	Manifold Setup	Gas Services	Inlet Pressure (Max)		Outlet Pressure (Max)		Flow lpm (Max)	Order Reference
				bar	psi	bar	psi		
Analog Display & LED Indicator	Pneumatic (Manual resetting required for next change-over)	Two source system with 2 banks of gas cylinders	Comp. O <sub>2</sub>	150	2175	4.2	61	450	6172110
			N <sub>2</sub> O	110	1600	4.2	61	450	6172410
			Med. Air (AR 4)	150	2175	4.2	61	450	6172310
			CO <sub>2</sub>	110	1600	4.2	61	450	6172610

## Arrangement of Changeover Unit



**Note :** Contact AKTIV TECHNOLOGIES for separate brochure of Modular Manifolds (COLLECTOR Series)

**DISCLAIMER:** AMAZON series of "Changeover Units" meets and exceeds the requirement of relevant standards at the time of manufacture. However piping source, capacity, sizing and restrictions may prevent from attaining the stipulated values.