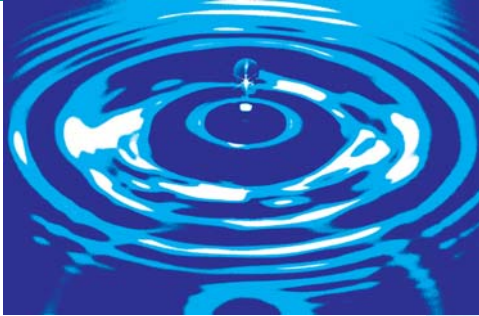


Accublend - Trimix Made Simple, Safe and Easy

1
2
3



JC Hunter Technologies, LLC
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Distributor of Accublend Continuous Trimix Blending Systems.
We make it as Easy as 1 - 2 - 3.



Simplicity

Trimix and Nitrox as easy as air fills. No More Partial Pressure Blending.

- Fast setup in less than 30 minutes on most systems.



Fast

Just turn on the compressor and the Accublend mixing system continuously monitors and calculates the oxygen and helium content going into the compressor. You get the right mix every time.



Safety

- System automatically shuts off supply gases.
- Solenoids shutoff supply gases when oxygen content approaches 40% to eliminate oxygen spikes.



Convenience

- Fast Start User Manual.
- Mixing spreadsheet included so all old mixes can be topped off. No more dumping gases or worrying about supply pressure.



WE HAVE INNOVATIVE SOLUTIONS FOR ALL OF YOUR MIXING NEEDS.



Tested

System thoroughly tested and in use at dive shops in Florida, Georgia, Ohio and Michigan.

Premier system produces over 69,000 cuft of Nitrox per month.



Affordable

Complete System \$3,500 USD

- Includes two stage supply regulators
- Dual Chamber Mixing Stick
- All Electronics and Pneumatics

Fill Info.		Mixing Info.		Add	To	Cuft.	Price
Size of Cylinder	104	Helium	1075	2375	147.7		\$73.08
# of Cylinders	2	Oxygen	30	2405	2.4		\$0.59
Working Pressure	2640	Air	1095	3500	86.3		\$6.00
Fill Pressure	3600	Oxygen	30	530	2.4		\$0.59
Desired O2%	33.0%	Helium	1075	2405	147.7		\$73.08
Desired He%	50.0%	Air	1095	3500	86.3		\$6.00
Nitrogen %	30.0%	Total					\$80.46

Contents in Tank		Final Mix		# Above 50% He	
PSI in Tank	500	Oxygen	8.7%	Add He (PSI)	750
O2 % in Tank	18.0%	Helium	62.5%	To	1750
He % in Tank	45.0%			Mix	Oxygen
Nitrogen % in Tank	37.0%				Helium
Air Top Off =					
O2 %	20.6%	Gas Prices \$/Cuft.			
He %	14.4%	Helium	\$0.50		
N2 %	73.0%	Oxygen	\$0.25		
		Air	\$0.00		
		Minimum Air	\$3.00		

Mix Top Off =		Tank Check		PSI	%
O2 % in Mix	18.0%	Helium =	2100	60%	
He % in Mix	50.0%	Oxygen =	350	10%	
O2 % Final	15.4%	Nitrogen =	1090	30%	
He % Final	49.3%				

Dive Calculator #1		Dive Calculator #2		Dive Calculator #3	
Depth fsw	200	O2 %	21%	O2 %	21%
END fsw	100	He %	25%	He %	25%
PO2 ata	1.4	PO2 1.4	187	Depth	100
Oxygen %	20%	PO2 1.6	216	END	100
Helium %	35%	END 100fsw	152	PO2	1.25