

The optimum gas supply system for laser and other high pressure applications

Easy to Use

- European ready TPED coded
- Holds as much gas as 63 high pressure cylinders
- Automatically optimizes operating pressure and gas use
- All valves and instruments within easy reach and visibility
- Full pallet frame for easy manipulation

Superior Performance

- Pressures up to 37 bar
Continuous gas flow rate up to **80 Nm³/h at 30 bar**
- High performance pressure building system
- Large integrated vaporizer creates high flow of gas

Cost Effective

- Long holding time and low normal evaporation rates using super-insulation technology
- All stainless steel construction and patented inner support system for durability and long life
- Uses up to 65% less space than comparable high pressure cylinder bundles or pallets

User-friendly and reliable portable tanks on the market today.



5-year
vacuum
warranty

Model		600/37 ZX	800/37 ZX	1000/37 ZX
		M12	M12	M12
Capacity				
Liquid (gross)*	(liters)	601	801	997
Liquid (net)	(liters)	571	761	947
Gas (N ₂)**	(Nm ³)	369	492	612
Gas (O ₂)**	(Nm ³)	456	607	756
Gas (Ar)**	(Nm ³)	446	594	740
Gas (CO ₂)**	(Nm ³)	293	391	486
Gas (N ₂ O)**	(Nm ³)	304	405	504
Performance & general info				
NER***	(N ₂) (% day)	1,6	1,5	
Gas Flow (N ₂ , O ₂ , Ar)	(Nm ³ /hr)	70	80	
Gas Flow (CO ₂ or N ₂ O)	(Nm ³ /hr)	21	24	
Max. Relief Valve Setting	(bar)	37		
Code		TPED (EN 1251)		
Dimensions & weight				
Tank Diameter	(mm)	900	1050	1100
Base Dimensions (LxW)	(mm)	1080 x 1300	1220 x 1450	1270x1500
Height	(mm)	2135	2150	2200
Tare Weight (approx.)	(kg)	790	940	1030
Max. full weight incl. prod. (approx.)	(kg)			
LIN**	(kg)	1248	1551	1791
LOX**	(kg)	1442	1809	2111
LAR**	(kg)	1586	2000	2350
LCO ₂ **	(kg)	1421	1782	2078
LN ₂ O**	(kg)	1402	1756	2045

* Volume tolerance is ±4% (EC 1000 tolerance +0, -4%)

** At 0 barg pressure for N₂, O₂, Ar and 10 barg for CO₂, N₂O

*** NER: Nominal Evaporation Rate

Note: All models and specifications are conditional and subject to change without prior notice.



Optimal solution for laser applications.

