

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

#### Easy to Use

- European ready ... TPED coded
- Holds as much gas as 54 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 Nm<sup>3</sup>/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



**5**-year  
vacuum  
warranty

# EURO-CYL ZX

## Specifications

Model		600/37 ZX M12	800/37 ZX M12
<b>Capacity</b>			
Liquid (gross)*	(liters)	601	801
Liquid (net)	(liters)	571	761
Gas (N <sub>2</sub> )**	(Nm <sup>3</sup> )	369	492
Gas (O <sub>2</sub> )**	(Nm <sup>3</sup> )	456	607
Gas (Ar)**	(Nm <sup>3</sup> )	446	594
Gas (CO <sub>2</sub> )**	(Nm <sup>3</sup> )	293	391
Gas (N <sub>2</sub> O)**	(Nm <sup>3</sup> )	304	405
<b>Capacity</b>			
NER***	(N <sub>2</sub> ) (% day)	1,6	1,5
Gas Flow (N <sub>2</sub> , O <sub>2</sub> , Ar)	(Nm <sup>3</sup> /hr)	70	80
Gas Flow (CO <sub>2</sub> or N <sub>2</sub> O)	(Nm <sup>3</sup> /hr)	21	24
Max. Relief Valve Setting	(bar)	37	
Code		TPED (EN 1251)	
<b>Dimensions</b>			
Tank Diameter	(mm)	900	1050
Base Dimensions (LxW)	(mm)	1080 x 1300	1230 x 1450
Height	(mm)	2135	2185
Tare Weight (approx.)	(kg)	790	940
Max. full weight incl. prod. (approx.)	(kg)		
LIN**	(kg)	1248	1551
LOX**	(kg)	1442	1809
LAR**	(kg)	1586	2000
LCO <sub>2</sub> **	(kg)	1421	1782
LN <sub>2</sub> O**	(kg)	1402	1756

\* Volume tolerance is ±4%

\*\* At 0 barg pressure for N<sub>2</sub>, O<sub>2</sub>, Ar and 10 bar for CO<sub>2</sub>, N<sub>2</sub>O

\*\*\* NER: Nominal Evaporation Rate

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



**Optimal solution  
for laser applications.**

