

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

Easy to Use

- Holds as much gas as 44 high pressure cylinders (600 liter models)
- Automatically optimizes operating pressure and gas use
- All valves and instruments within easy reach and visibility
- Easy to operate - only one fitting to connect and one valve to open

Superior Performance

- Pressures up to 37 bar
- Continuous flow rates from 9 Nm³/h to 28 Nm³/h
- Perfect for lasers

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 67% less space than comparable high pressure cylinder bundles or pallets



5-year
vacuum
warranty

Two Convenient Sizes

- 200 Liters
- 600 Liters



Popular Options

(Euro-Cyl 600/37)

- Top-Fill
- Gauge isolation valves
- Add-on product vaporizer
- Gas supply manifold

LCCM Regulator

(Euro-Cyl 200/32)

- Dual function regulator controls pressure building and gas economizing
- Easy to set and adjust pressure-control knob

Model		200/32	600/37
Capacity			
Liquid (gross)	(liters)	200	649
Liquid (net)	(liters)	190	616
Gas (N ₂)*	(Nm ³)	122	397
Gas (O ₂)*	(Nm ³)	151	492
Gas (Ar)*	(Nm ³)	124	406
Gas (CO ₂)*	(Nm ³)	106	344
Gas (N ₂ O)*	(Nm ³)	101	327
Performance			
NER*** (N ₂)	(% per day)	2	1,6
NER (O ₂ - Ar)	(% per day)	1,4	1,1
NER (CO ₂ - N ₂ O)	(% per day)	0,5	0,5
Gas Flow (N ₂ , O ₂ , Ar) / with aux. Vaporizer	(Nm ³ /hr)	9,2	21 / 28
Gas Flow (CO ₂ or N ₂ O) / with aux. Vaporizer	(Nm ³ /hr)	2,9	7 / 10
Relief Valve Setting	(bar)	32	37
Code		TPED	TPED
Regulator Type		LCCM	MCR
Dimensions			
Tank Diameter	(mm)	508	965
Tank Height	(mm)	1671	1625
Overall Dimensions (LxWxH)	(mm)	-	1030 x 1030 x 1918
Tare Weight	(kg)	173	855**
Maximum Full Weight			
N ₂	(kg)	326	1351**
O ₂	(kg)	389	1557**
Ar	(kg)	437	1719**
CO ₂	(kg)	382	1534**
N ₂ O	(kg)	373	1504**

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

** Additional product vaporizer adds approx. 20 kg

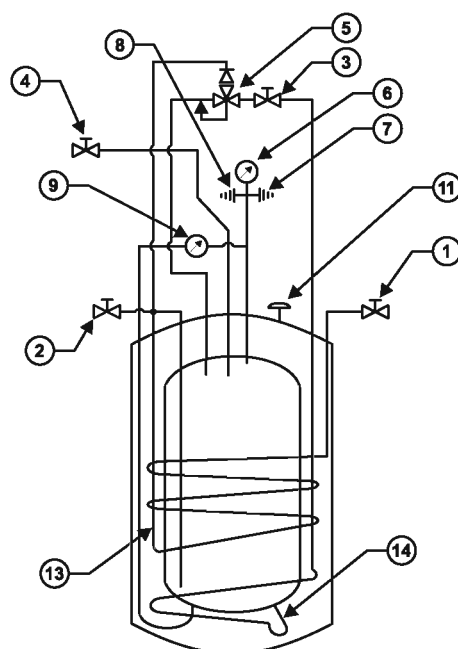
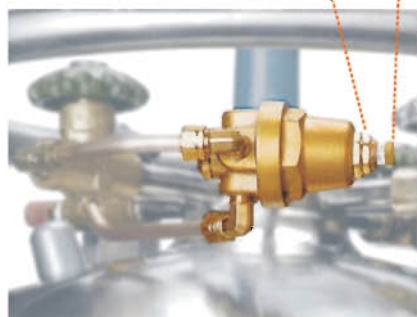
*** NER: Nominal Evaporation Rate

MCR Regulator

(Euro-Cyl 600/37)



- Easily Adjustable
- Combination pressure control regulator
- Calibrated micrometer adjusting screw



No. Nomenclature

- 1 Gas Withdrawal
- 2 Bottom Fill / Liquid Withdrawal
- 3 Regulator Isolation Valve*
- 4 Vent / Trycock Valve
- 5 Regulator*
- 6 Pressure Gauge
- 7 Safety Relief Valve
- 8 Safety Relief Valve
- 9 Liquid Level Gauge
- 11 Vacuum Port / Safety Disc
- 13 Product Vaporizer
- 14 Pressure Building Coil

*Euro-Cyl 200/32 fitted with LCCM regulator