

Lasline Rofin DC-0XX

Marking

Characterization acc. ADR

UN 1956 COMPRESSED GAS,
N.O.S. (HELIUM, CARBON
MONOXIDE), 2.2, (E)

Essential properties

compressed gas, lighter than air, colorless, odorless, toxic to reproduction, organ-damaging

Cylinder Marking



Shoulder color: bright green

Symbols of risks



For additional safety information see safety data sheet *-CO-CO2-N2-O2-XE-HE-01

Valves / Manifolds

Valve connection

DIN 477 Nr. 1: W 21,80 X 1/14" LH

Recommended Manifolds

Spectrolab FM 51 / FM 52exact
Pressure Regulator is normally delivered by the machine supplier



Specification / receptacles		Lasline Rofin DC	
Composition			
He	=	65	Vol.-%
CO ₂	=	4	Vol.-%
CO	=	6	Vol.-%
O ₂	=	3	Vol.-%
N ₂	=	19	Vol.-%
Xe	=	3	Vol.-%
Impurities			
Ar	≤	2.4	ppmv
Kr	≤	1.6	ppmv
Ne	≤	0.4	ppmv
H ₂	≤	0.4	ppmv
HC (as CH ₄)	≤	0.3	ppmv
H ₂ O	≤	2.2	ppmv
Cylinder / Contents			
F 10 150 bar Alu		1.4	m ³

Remarks

Gas mixture for operation of Rofin Sinar SLAB lasers.

Production tolerance: +/- 5% rel

Contents in m³ at 15°C, 1 bar