

Fluka Gas Standards

NEW!

NEW – Available Fall 2006! **Precision Test & Calibration Gases in Disposable Cylinders**

Portable cylinders are fully compatible with European-style fittings (7/16" 28NS/2 male)

Precision gas standards and convenient mixtures for laboratory calibration, field sampling and personnel monitoring



- Portable, convenient and easy to use
- Packaged in lightweight, non-refillable containers
- Ready-to-use mixtures eliminate the need to buy individual cylinders for each component.
- Extensive range of both standard gases and gas mixtures
- Suitable for testing and calibrating a wide range of gas detection and analysis equipment
- Compliant with all current standards and legislation for non-refillable cylinders
- Manufactured gravimetrically for maximum accuracy (± 2 ppm)
- Available in 5 L and 20 L cylinders with two valve configurations (control valve, syringe adapter)
- Single component gases and mixtures include CO, CO₂, methane, ethane, ethylene, acetylene, N₂, O₂, H₂, paraffins, BTEX, vinyl chloride and others



Table 1 Fluka Gas Standards - Available Mixtures

Cat. No.	Description
68811-5L 68811-20L	Carbon monoxide (1%), carbon dioxide (1%), methane (1%), ethane (1%), ethylene (1%) and acetylene (0.5%) in nitrogen
56474-5L 56474-20L	Carbon monoxide (5%), carbon dioxide (5%), nitrogen (5%), oxygen (2%), methane (4%) and hydrogen (2%) in helium
02329-5L 02329-20L	Methane, 99.0%
67273-5L 67273-20L	C1-C6 n-Paraffins
80691-5L 80691-20L	Carbon monoxide, carbon dioxide, hydrogen, methane & oxygen in nitrogen (1% each)
80311-5L 80311-20L	C1-C6 n-Paraffins, 100 ppm each component in nitrogen
19398-5L 19398-20L	Ethylene in air 100 ppm
38124-5L 38124-20L	BTEX Mix in Nitrogen (10ppm)
18572-5L 18572-20L	1% Carbon Dioxide, 20% Oxygen in N ₂
90837-5L 90837-20L	Methane in nitrogen, 1%,
38125-20L	Vinyl chloride in nitrogen, 10 ppm
89414-1EA	Miniflow regulator with brass control valve & flow indicator
51886-1EA	Brass Control Valve with threaded outlet
57957-1EA	Septum regulator for syringe samples

Table 2 Cylinder Specifications

Cylinder capacity (litres)	5	20
Pressure (bar/psig)	8/120	12/180 20/300
Size (mm)	213 x 66	240 x 76
Weight (Kg)	0.1	0.2
Water capacity (litres)	0.68	0.97
Material	Tinplate	Aluminium alloy
Accuracy % or ppm nom value	± 5 or 2	± 5 or 2
Valve outlet	aerosol type push button dispenser	7/16" 28NS/2 male

Table 3 Adapters suitable for 20 L cylinders

Adapters
Brass Control Valve with threaded outlet
Miniflo 1 - Brass control valve & flow indicator
Septaflo - Control valve for sampling with a syringe and needle for GC injection


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