

EasyOne Pro TLCO / DLCO Gas supply

The EasyOne Pro is equipped with a low maintenance gas supply / pressure reduction system developed by ndd

The components are described here below:

Primary Gas supply, locally available

- o Gas bottles (cylinders)
 - Size is according to the intended use; from a few Litres for portable measurements (such as bedside) to big size (labs and satellite labs) for economic considerations.
 - The usage is about 5 Litres per blow.
 - Bottle pressure is usually 150...300 bar when full
 - EasyOne Pro input pressure, the secondary pressure at discharge of the locally available reduction station (valve) at bottle is regulated to 0...6 bar
 - A flow rate has to be provided through the valve of 6...12 L/sec

- o Gas specification of gases that may be used with EasyOne Pro ($\pm 2\%$ accuracy, medical grade gas only)
 - Helium (He): 10% ($\pm 2\%$)
 - (Jaeger-gas 9% allowed)
 - Carbon Monoxide (CO): 0.3% (= 3000ppm)
 - Oxygen (O₂): 20.9% (18 – 25%, consult ndd)
 - Nitrogen (N₂): rest

Secondary connector requirement

	Quick Connector for Gas Regulator	3000-50.4.1SP	Quick connector for 10mm (outer diameter) tube (7x10mm PU, polyurethane), included in EasyOne Pro (100cm)
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