

INDUSTRIAL GAS HANDLING EQUIPMENT



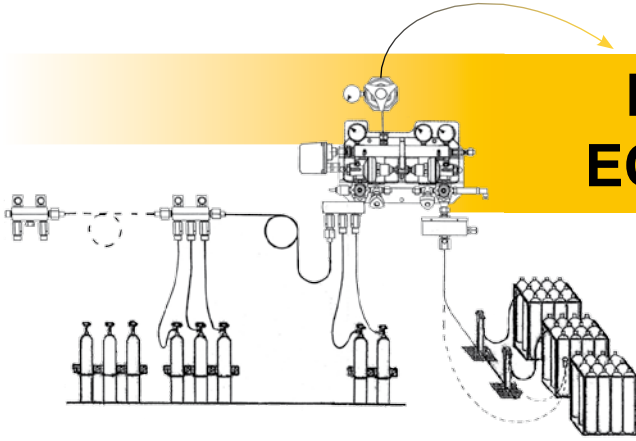
CAHOQUET



CE π

ISO 9001

PIPELINE EQUIPMENT



MANIFOLDS

The **Cahouet** semi-automatic switchover manifold secures a highly reliable uninterrupted gas supply from 2 cylinder or bundle packs to a distribution pipeline or production unit. **Changeover to reserve bank is fully automatic.** Reset of priority bank by **manual lever operation** after cylinder/bundle pack replacement. Outlet pressure is set by a high quality line regulator. Fitted with: relief valve, purge valve, non return valve on each bank.

GASES

Non corrosive gases including
 O_2 - C_2H_2 - NH_3 - propane,
 LAR, LIN, LOX...



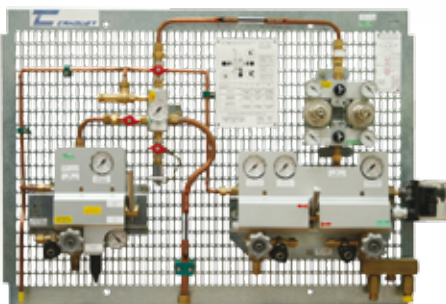
INLET PRESSURE

For non corrosive gases and O_2 :
 200 or 300 bar (acc. to manifold)
 Acetylene: 20 bar
 Ammonia: 10 bar
 Propane: 8 bar
 Cryogenic gases : 10 bar



OUTLET PRESSURE

For non corrosive gases and O_2 :
 from 0 to 40 bar (acc. to manifold)
 Acetylene: from 0.2 to 0.9 bar
 Ammonia: from 0.2 to 1 bar
 Propane: from 0.5 to 2 bar
 Cryogenic gases: from 1 to 6.5 bar



WALL PANELS

Acc. to customer specification

PIPELINE ACCESSORIES

DUAL LINE REGULATORS L2D5

Inlet pressure: 20 bar max.
 Adjustable outlet pressure: 0-12 bar
 Flow: 190 Nm³/h
 Dual line regulators to be installed on the vaporizer outlet



HP FLEXIBLE HOSES

PTFE, Stainless Steel, polyamide, EPDM.

Working pressure:
 200 or 300 bar (25 bar for C_2H_2)
 Burst pressure: >1500 bar
 Inner tube 6 or 10 mm
 All fittings available
 2 stainless steel braids, Kevlar
 Safety cable



SAFETY VALVES

Set pressure range from 0.5 to 500 bar
 Instantaneous switch from "close" to "open" position at maximum flow rate



HEATERS

Installed on the cylinder outlet or manifold inlet to prevent freezing up of regulators.
 Gases: CO_2 , mix
 Pressure: 200 or 300 bar
 Power: 500 W or 1000 W



FLOWMETERS

Type **Induflow** with calibrated holes
 Inlet pressure: from 2.7 to 6 bar
 Flow: 0-6 lpm
 0-15 lpm
 0-40 lpm

Type **Dynaflow** with paddle technology
 Inlet pressure: from 2.5 to 4 bar
 Flow: from 50 ccpm to 100 lpm















PANEL SHUT-OFF VALVE









Type **SMC**
 Inlet pressure max.: 15 bar
 Flow max: 20 Nm³/h



HIGH PRESSURE REGULATORS

Type	Inlet pressure (bar)	Outlet pressure (bar)	Flow (Nm ³ /h)	Specifications	
BUT - HP	200	0,03 - 1	2	<i>Cylinder - 2 stages High precision</i>	
INDU 40	200	1 - 8	20	<i>Cylinder 1 stage</i>	
INDUBLOC	200	-	0-6 lpm 0-15 lpm 0-40 lpm	<i>Cylinder - 1 stage TIG welding : shielding gas + back purging</i>	
DYNABLOC	200	-	From 50 cc/min to 100 lpm	<i>Cylinder - 1 stage Paddle technology</i>	
CL - HP	200	1 - 12	18	<i>Pipeline and cylinder 1 stage</i>	
INDU 12	200	1 - 16	20	<i>Pipeline and cylinder 1 stage</i>	
D.E.L.	200 or 300	0,5 - 12	75	<i>Cylinder - 2 stages Good precision</i>	
SAM	200 or 300	1 - 17	33	<i>Pipeline and cylinder 1 stage</i>	
PMD	200 or 300	1 - 50	110	<i>Pipeline - 1 stage Wall station (semi-manifold)</i>	
P RANGE	300	1 - 200	650	<i>Pipeline and cylinder - 1 stage Very high flow</i>	
EOLE	300	1 - 9	200	<i>Pipeline - 1 stage Very high flow</i>	
THD	420	80 - 135	150	<i>Pipeline - 1 stage</i>	

LOW PRESSURE REGULATORS

Type	Inlet pressure (bar)	Outlet pressure (bar)	Flow (Nm ³ /h)	Specifications	
CM - TBP	6	0,03 - 1	116	Pipeline High precision regulation	
BUT	7	0,03 - 1	6	Pipeline High precision regulation	
BP - NH3	10	1 - 4	16	Pipeline and cylinder For ammonia	
BP500 TBP	10	0,2 - 0,7	100	Pipeline High flow - Low pressure	
BP500	50	0,5 - 12	600	Pipeline - High flow	
BP800	50	0,5 - 12	800	Pipeline - High flow	
OXYAD	20	1 - 10	35	Pipeline Oxyacetylenic wall panel	
CL - BP	20	1 - 12	75	Pipeline	
BP100	50	0,5 - 12	200	Pipeline - Point of use	
BP300	50	0,5 - 12	400	Pipeline - Manifold	
BP300HD	50	13 - 40	600	Pipeline - High flow	

HP valves

Type VCP9 bundle valve
Type EFP9 HP line valve
Max. operating pressure: 250 bar
Orifice: Ø9 mm



Non-return valves

Max. operating pressure : 30 bar



All-in-one valves Vdi

Inlet pressure:
200 or 300 bar
Flow: 1-7 bar
0-1,5 bar
O₂ - Argon - C₂H₂

