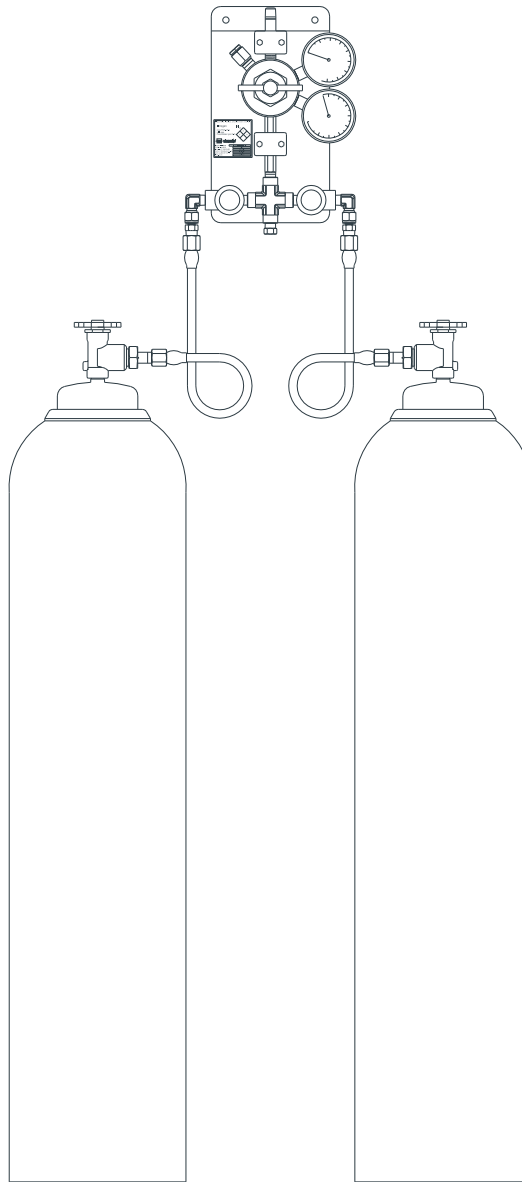




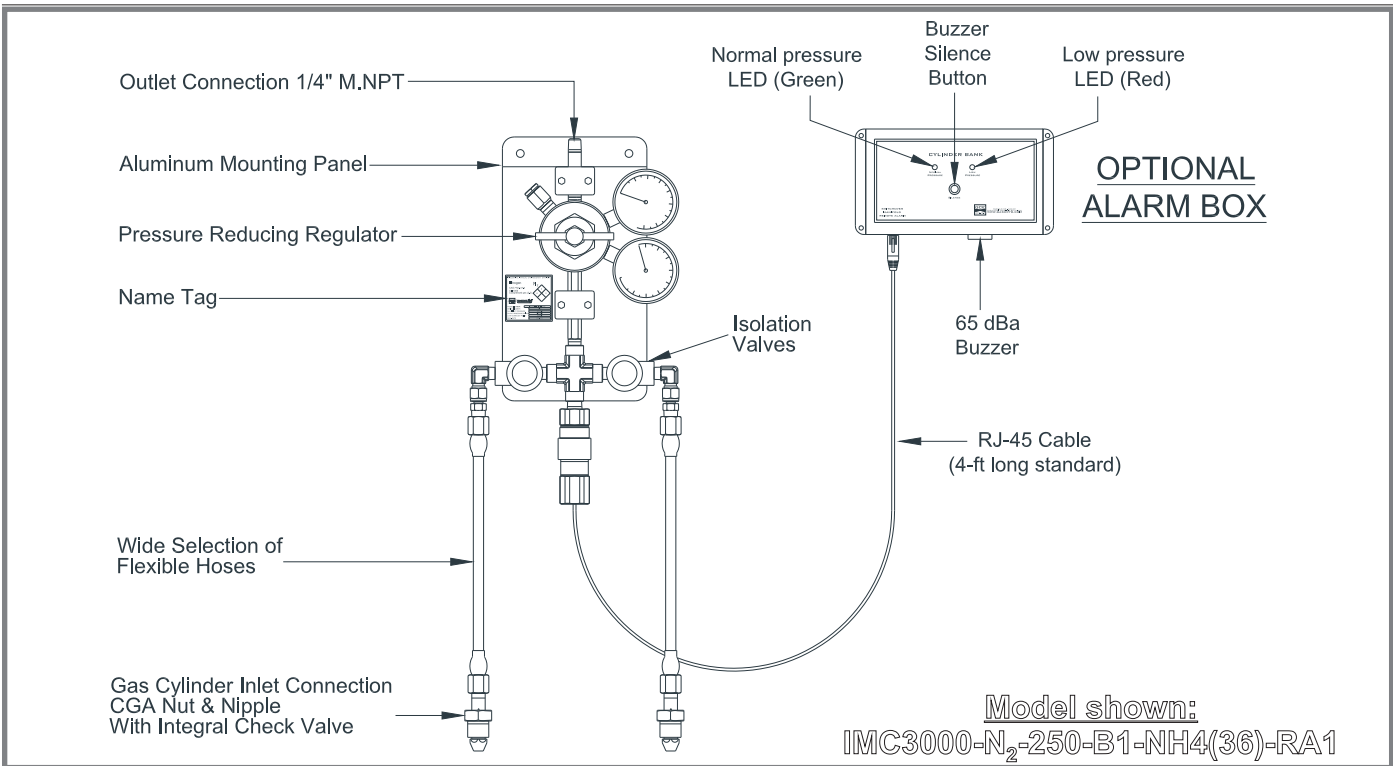
EQUIPMENT CATALOG

*Industrial Manual Changeover Station
For 3000 PSIG Cylinders*



*Helping our customers
to become more effective*





Model shown:
IMC3000-N₂-250-B1-NH4(36)-RA1

DESCRIPTION

The IMC3000 Series Industrial Manual Changeover Stations allow manual switching between a primary cylinder and a reserve cylinder. By closing the depleted cylinders isolation valve and opening the reserve (full) isolation valve, you perform cylinder changeouts without gas supply interruption. The check valves in the flexible hoses prevent back flow from the full to the empty cylinder. The optional remote alarm will provide an audible and visual warning when a cylinder is near depletion.

Optional alarm

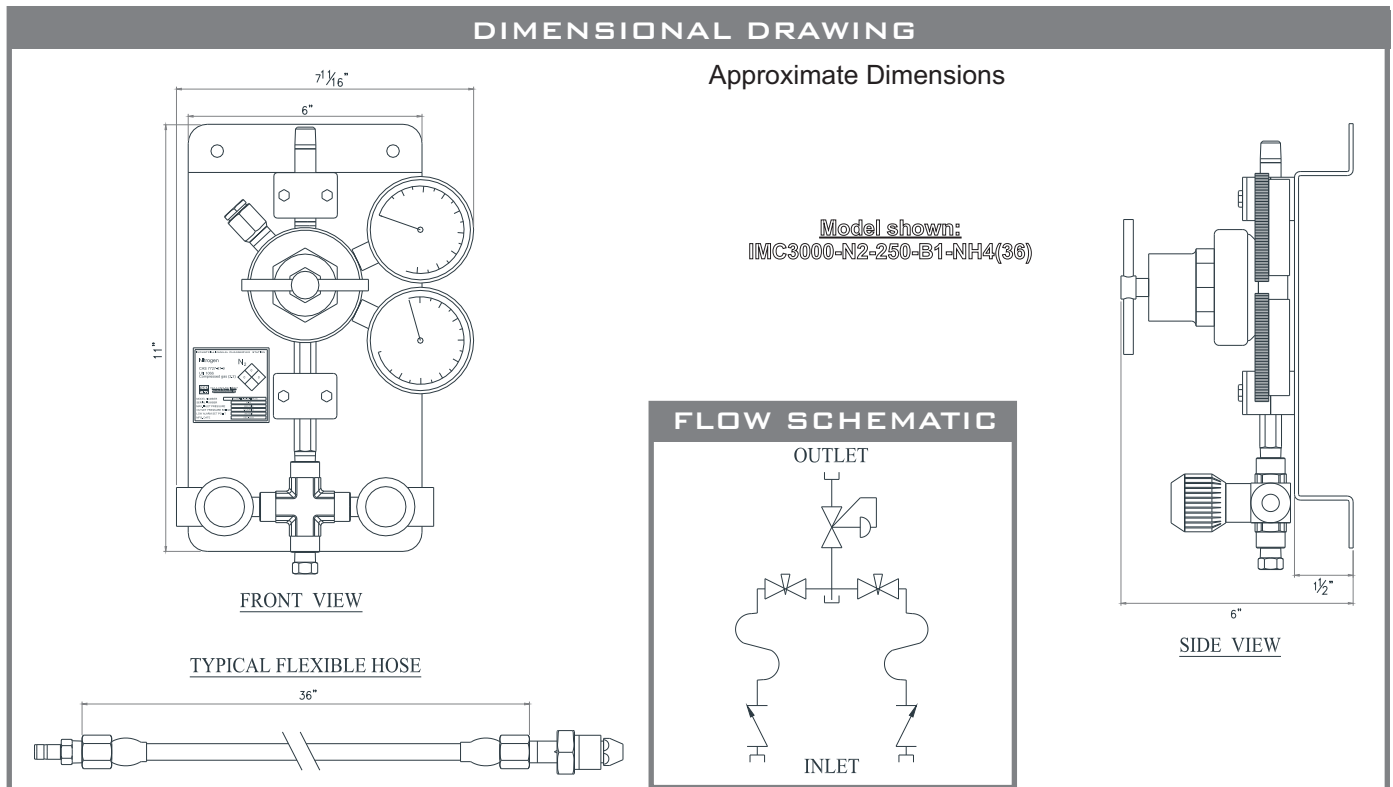
The optional remote alarm indicates the pressure status of each cylinder bank (green LED for normal pressure and red LED for low pressure). The red LEDs along with a built-in buzzer indicate when the cylinder bank is depleted and needs to be changed.

STANDARD FEATURES

- Wide selection of regulators and hoses** - Customized equipment to suit any application
- Mounting panel** - Professional look, easy Installation
- Integral check valve on the flexible hoses** - Prevents gas from cascading to the empty cylinder during cylinder changeouts
- Isolation valve on each inlet**

HOW TO ORDER - PART NUMBER MATRIX

IMC3000					
Series (inlet pressure)	Fluid	Outlet Pressure	Regulator	Flexible Hoses	Options
Standard Series	<input type="checkbox"/> Air = Ar	Standard Ranges (in psig)	<input type="checkbox"/> Brass = B1	<input type="checkbox"/> Thermoplastic (Nylon) = NH4	<input type="checkbox"/> Standard Alarm = RA1
<input type="checkbox"/> IMC3000 = 3000 psig	<input type="checkbox"/> Argon = Ar	<input type="checkbox"/> 0-120 = 120	<input type="checkbox"/> Single-Stage (Standard Regulator)	<input type="checkbox"/> Teflon Innercore, SS Braid, = TH4	<input type="checkbox"/> Hazardous Location Alarm = RA1(EP)
	<input type="checkbox"/> Nitrogen = N ₂	<input type="checkbox"/> 0-250 = 250		<input type="checkbox"/> Brass Fittings 1/4"	
	<input type="checkbox"/> Helium = He			<input type="checkbox"/> Stainless Steel Innercore, = SH4	
	<input type="checkbox"/> Hydrogen = H ₂			<input type="checkbox"/> Overbraid & Fittings 1/4"	
	<input type="checkbox"/> Oxygen = O ₂				
	<input type="checkbox"/> Carbon Dioxide = CO ₂				



STANDARD SPECIFICATIONS AND MATERIALS OF CONSTRUCTION

Model	IMC3000 Series Brass construction
Maximum inlet pressure	3000 psig
Outlet pressure range	See part number matrix
Inlet connection fitting	Gas related brass CGA nut & nipple
Gas service outlet connection	1/4" M.NPT
Operating temperature	-40°F to 140°F
Pressure gauge dial & material	2-1/2"-dial, brass
Fitting size & material	1/4" NPS, brass
Pressure regulator	
Body	Forged Brass Body
Filter	25-micron Bronze Capsule
Seats	PTFE
Vent & isolation valves	
Body	Forged Brass Body
Seats	Teflon PTFE
Stem	Stainless Steel