



HINDMEDICO PRODUCT PVT. LTD.

AN ISO 9001 : 2015 CERTIFIED COMPANY



INDUSTRIAL
GAS EQUIPMENT
AND WELDING
SOLUTIONS

About Us

Welcome to **HINDMEDICO PRODUCT PVT. LTD.** a leader in providing advanced technology solutions for Gas Welding and Cutting equipment, Personal Protective Equipments (Safety) and various Medical devices. Founded in 1992, our company, previously known as M/s HIND MEDICO PRODUCT, has consistently delivered high-quality and reliable products under the esteemed HMP brand.

Our dedication to excellence is reflected in our commitment to Welding, Safety & Medical. We are a professionally managed organization that prioritizes the quality and longevity of our products. Our experienced R&D team continuously works on developing and optimizing our product range to meet and exceed industry standards.

At **HINDMEDICO PRODUCT PVT. LTD.** we believe in building lasting relationships with our customers. Our reputation is built on trust, and we strive to maintain the confidence our clients place in us. We are dedicated to providing ongoing support and services to ensure the optimal performance of our products.

Thank you for choosing **HINDMEDICO PRODUCT PVT. LTD.** We look forward to serving you and contributing to your success with our innovative and dependable solutions.

for **HINDMEDICO PRODUCT PVT.LTD.**

from Director Desk.



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GAS PRESSURE REGULATORS



Double Stage Double Gauge Oxygen Gas Pressure Regulator

MODEL : 49-OX

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
49-OX	OXYGEN	300	0 – 300 bar 0 – 4500 psi	0 - 10	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	40 - 50

Double Stage Double Gauge Durable Oxygen Gas Pressure Regulator

MODEL : HOX-230

- Brass forging body
- Mazak pressure die-casting bonnet
- SS diaphragm in 1st stage & Neoprene rubber diaphragm in 2nd. stage
- Sintered metal inlet filter
- Dual safety pressure gauges
- In-built safety valve
- Continuous steady pressure & flow
- Use for Welding, Cutting, Heating & Brazing
- ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
HOX-230	OXYGEN	300	0 – 300 bar 0 – 4500 psi	0 - 12	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	50 - 60

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS

Single Stage Double Gauge Oxygen Gas Pressure Regulator



MODEL : 100-D-OX

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
100-D-OX	OXYGEN	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	30 - 35

Single Stage Single Gauge Oxygen Gas Pressure Regulator

MODEL : 100-S-OX

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Single safety pressure gauge
- ▶ In-built safety valve
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)		(m ³ /h)
100-S-OX	OXYGEN	300	0 – 300 bar 0 – 4500 psi	0 - 8 (Preset)	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	20 - 25

GAS PRESSURE REGULATORS

Double Stage Double Gauge Heavy Duty Oxygen Gas Pressure Regulator



MODEL : HOX-12

- ▶ Brass forging body
- ▶ Brass forging bonnet with chrome plating
- ▶ Neoprene rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Heavy duty Cutting & Manifold
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



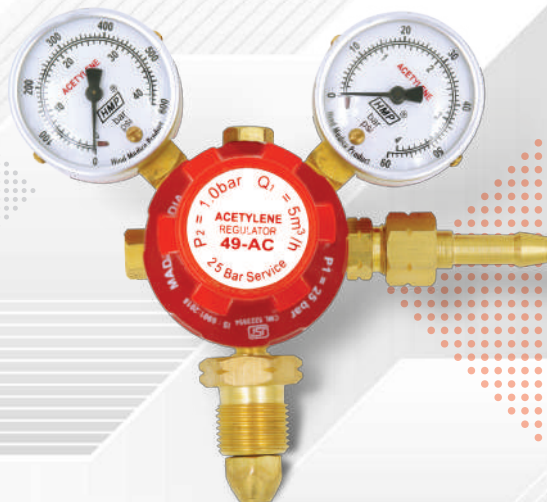
Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
HOX - 12	OXYGEN	250	0 – 300 bar 0 – 4500 psi	0 - 12	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	60 - 70

Double Stage Double Gauge Acetylene Gas Pressure Regulator

MODEL : 49-AC

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
49 - AC	ACETYLENE	25	0 – 40 bar 0 – 600 psi	0.5 - 1.5	0 – 4 bar 0 – 60 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	15 - 16

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS

Double Stage Double Gauge Durable Acetylene Gas Pressure Regulator



MODEL : HAC-20

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ SS diaphragm in 1st stage & Neoprene rubber diaphragm in 2nd. stage
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ Use for Welding , Cutting, Heating & Brazing
- ▶ ISI Mark : IS 6901/ ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
HAC - 20	ACETYLENE	25	0 – 40 bar 0 – 600 psi	0 - 2.0	0 – 4 bar 0 – 60 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	15 - 20

Single Stage Double Gauge Acetylene Gas Pressure Regulator

MODEL : 99-D-AC

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
99 - D - AC	ACETYLENE	25	0 – 40 bar 0 – 600 psi	0 - 1.0	0 – 4 bar 0 – 60 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	10 - 15

GAS PRESSURE REGULATORS

Single Stage Single Gauge Acetylene Gas Pressure Regulator



MODEL : 99-S-AC

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauge
- ▶ Use for Welding , Cutting, Heating & Brazing
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)		(m ³ /h)
99 - S - AC	ACETYLENE	25	0 – 40 bar 0 – 600 psi	0 - 0.8 (Preset)	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	3 - 5

Double Stage Double Gauge Carbon dioxide Gas Pressure Regulator

MODEL : 49-CO₂

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Silicon rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Mig welding
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
49 CO ₂	CARBON DIOXIDE	200	0 – 300 bar 0 – 4500 psi	0 - 10	0 – 16 bar 0 – 240 psi	Inlet W 21.8 - 14 (RH)F Outlet 3/8" BSP (RH)M	8 - 10

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS

Double Stage Double Gauge Durable Carbon dioxide Gas Pressure Regulator



MODEL : DURABLE CO₂

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ SS diaphragm in 1st stage & Silicon rubber diaphragm in 2nd stage
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Mig welding
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
DURABLE CO ₂	CARBON DIOXIDE	200	0 – 300 bar 0 – 4500 psi	0 - 12	0 – 16 bar 0 – 240 psi	Inlet W 21.8 - 14 (RH)F Outlet 3/8" BSP (RH)M	10 - 15

Single Stage Double Gauge Carbon dioxide Gas Pressure Regulator

MODEL : 100-D-CO₂

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Silicon rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Mig welding
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
100-D-CO ₂	CARBON DIOXIDE	200	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet W 21.8 - 14 (RH)F Outlet 3/8" BSP (RH)M	5 - 10

GAS PRESSURE REGULATORS



Double Stage Double Gauge Argon Gas Pressure Regulator

MODEL : 49-AR

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Mig & Tig welding
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
49-AR	ARGON	300	0 – 300 bar 0 – 4500 psi	0 - 10	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	30 - 40

Double Stage Double Gauge Durable Argon Gas Pressure Regulator

MODEL : DURABLE ARGON

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ SS diaphragm in 1st stage & Neoprene rubber diaphragm in 2nd. stage
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Mig & Tig welding
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
DURABLE ARGON	ARGON	300	0 – 300 bar 0 – 4500 psi	0 - 12	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	50 - 60

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS

Single Stage Double Gauge Argon Gas Pressure Regulator



MODEL : 100-D-AR

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Mig & Tig welding
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
100-D-AR	ARGON	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	20 - 30

Double Stage Double Gauge Nitrogen Gas Pressure Regulator

MODEL : 49-N₂

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Medical, Laboratory & Line purging
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
49-N2	NITROGEN	300	0 – 300 bar 0 – 4500 psi	0 - 10	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	50 - 60

GAS PRESSURE REGULATORS

Double Stage Double Gauge Durable Nitrogen Gas Pressure Regulator



MODEL : DURABLE NITROGEN

- ▶ Brass forging body
 - ▶ Mazak pressure die-casting bonnet
 - ▶ SS diaphragm in 1st stage & Neoprene rubber diaphragm in 2nd. stage
 - ▶ Sintered metal inlet filter
 - ▶ Dual safety pressure gauges
 - ▶ In-built safety valve
 - ▶ Continuous steady pressure & flow
 - ▶ Use for Medical, Laboratory & Line purging
- ISI Mark : IS 6901 / ISO 2503 & CE certified



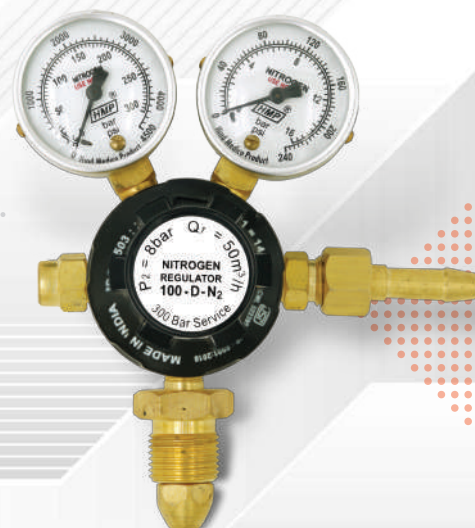
Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
DURABLE NITROGEN	NITROGEN	300	0 – 300 bar 0 – 4500 psi	0 - 12	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	50 - 60

Single Stage Double Gauge Nitrogen Gas Pressure Regulator

MODEL : 100-D-N₂

- ▶ Brass forging body
 - ▶ Mazak pressure die-casting bonnet
 - ▶ Neoprene rubber diaphragm
 - ▶ Sintered metal inlet filter
 - ▶ Dual safety pressure gauges
 - ▶ In-built safety valve
 - ▶ Use for Medical, Laboratory & Line purging
- ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
100-D-N ₂	NITROGEN	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	20 - 30

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS



Double Stage Double Gauge Hydrogen Gas Pressure Regulator

MODEL : 49-H₂

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Medical, Laboratory & Line purging
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
49-H ₂	HYDROGEN	300	0 – 300 bar 0 – 4500 psi	0 - 10	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	40 - 50

Double Stage Double Gauge Durable Hydrogen Gas Pressure Regulator

MODEL : DURABLE HYDROGEN

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ SS diaphragm in 1st stage & Neoprene rubber diaphragm in 2nd. stage
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Laboratory & Others
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
DURABLE HYDROGEN	HYDROGEN	300	0 – 300 bar 0 – 4500 psi	0 - 12	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	50 - 60

GAS PRESSURE REGULATORS

Single Stage Double Gauge Hydrogen Gas Pressure Regulator



MODEL : 100-D-H₂

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Laboratory & Others
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
100-D-H ₂	HYDROGEN	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	20 - 30

Double Stage Double Gauge Helium Gas Pressure Regulator

MODEL : 49-He

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Laboratory & Others
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
49-He	HELIUM	300	0 – 300 bar 0 – 4500 psi	0 - 10	0 – 16 bar 0 – 240 psi	Inlet 3/4" BSP (RH)F Outlet 3/8" BSP (RH)M	30 - 40

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS

Double Stage Double Gauge Durable Helium Gas Pressure Regulator



MODEL : DURABLE HELIUM

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ SS diaphragm in 1st stage & Neoprene rubber diaphragm in 2nd. stage
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Laboratory & Others
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
DURABLE HELIUM	HELIUM	300	0 – 300 bar 0 – 4500 psi	0 - 12	0 – 16 bar 0 – 240 psi	Inlet 3/4" BSP (RH)F Outlet 3/8" BSP (RH)M	40 - 50

Single Stage Double Gauge Helium Gas Pressure Regulator

MODEL : 100-D-He

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Laboratory & Others
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
100-D-He	HELIUM	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 3/4" BSP (RH)F Outlet 3/8" BSP (RH)M	20 - 30

GAS PRESSURE REGULATORS

Single Stage without Gauge LPG Pressure Regulator



MODEL : 29-L

- ▶ Brass forging body
- ▶ Brass forging bonnet with Chrome plated
- ▶ Neoprene rubber diaphragm
- ▶ Use for Cutting & Heating
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	MAX. OUTLET PRESSURE	CONNECTION	MAX. FLOW
		(bar)	(bar)		(m ³ /h)
29-L	LPG	25	0 - 1 (Preset)	Inlet To fit directly industrial LPG cylinder valve Outlet 3/8" BSP (RH)M	1.0 - 1.5

Single Stage Single Gauge LPG Pressure Regulator

MODEL : 29-LW

- ▶ Brass forging body
- ▶ Brass forging bonnet with Chrome plated
- ▶ Neoprene rubber diaphragm
- ▶ Single safety pressure gauge
- ▶ Use for Cutting & Heating
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	MAX. OUTLET PRESSURE	MAX OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)	(m ³ /h)
29-LW	LPG	25	0 - 1	0 - 4 bar 0 - 60 psi	Inlet To fit directly industrial LPG cylinder valve Outlet 3/8" BSP (LH)M	1.5 - 2.0

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS

Single Stage Double Gauge LPG Pressure Regulator



MODEL : 120-D-LPG

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ Use for Cutting & Heating
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



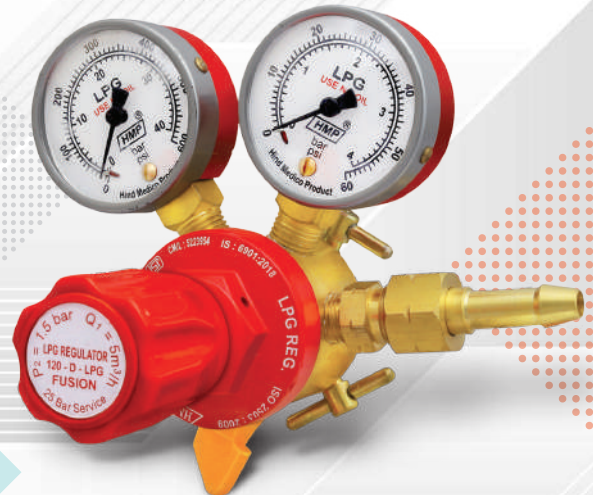
Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
120-D-LPG	LPG	25	0 – 40 bar 0 – 600 psi	0 - 1.5	0 – 4 bar 0 – 60 psi	Inlet 1 NT-31 21.8 x 1.814 BSP (LH)F Outlet 3/8" BSP (LH)M	2.0 - 2.5

Single Stage Double Gauge LPG Pressure Regulator with in-built Adopter

MODEL : 120-D-LPG FUSION

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ SS net filter provided
- ▶ Dual safety pressure gauges
- ▶ Use for Cutting & Heating
- ▶ ISI Mark : IS 6901/ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
120-D-LPG FUSION	LPG	25	0 – 40 bar 0 – 600 psi	0 - 2.0	0 – 4 bar 0 – 60 psi	Inlet To fit directly industrial LPG cylinder valve Outlet 3/8" BSP (LH)M	3.0

GAS PRESSURE REGULATORS

Single Stage Double Gauge Oxygen Gas Pressure Regulator



MODEL : 50-D-OX PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark: IS 6901/ ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-OX PROUD	OXYGEN	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	30

Single Stage Double Gauge Acetylene Gas Pressure Regulator

MODEL : 50-D-DA PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark: IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-DA PROUD	ACETYLENE	25	0 – 40 bar 0 – 600 psi	0 - 1.5	0 – 4 bar 0 – 60 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	10

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS

Single Stage Double Gauge Carbon dioxide Gas Pressure Regulator



MODEL : 50-D-CO₂ PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Silicon rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Mig welding
- ▶ ISI Mark: IS 6901/ ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-CO ₂ PROUD	CARBON DIOXIDE	200	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet W 21.8 - 14 BSP (RH)F Outlet 3/8" BSP (RH)M	10

Single Stage Double Gauge Argon Gas Pressure Regulator

MODEL : 50-D-AR PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Mig & Tig welding
- ▶ ISI Mark: IS 6901/ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-AR PROUD	ARGON	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	25

GAS PRESSURE REGULATORS

Single Stage Double Gauge Nitrogen Gas Pressure Regulator



MODEL : 50-D-N₂ PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Medical, Laboratory & Line purging
- ▶ ISI Mark: IS 6901/ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-N ₂ PROUD	NITROGEN	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	30

Single Stage Double Gauge Hydrogen Gas Pressure Regulator

MODEL : 50-D-H₂ PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Laboratory & Others
- ▶ ISI Mark: IS 6901/ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-H ₂ PROUD	HYDROGEN	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	30

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS

Single Stage Double Gauge Helium Gas Pressure Regulator



MODEL : 50-D-He PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Laboratory & Others
- ▶ ISI Mark: IS 6901/ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-He PROUD	HELIUM	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 3/4" BSP (RH)F Outlet 3/8" BSP (RH)M	30

Single Stage Double Gauge LPG Pressure Regulator

MODEL : 50-D-LPG PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ Use for Cutting & Heating
- ▶ ISI Mark: IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-LPG PROUD	LPG	25	0 – 40 bar 0 – 600 psi	0 - 1.5	0 – 4 bar 0 – 60 psi	Inlet 1 NT-31 21.8 x 1.814 BSP (LH)F Outlet 3/8" BSP (LH)M	1.0 - 1.5

GAS PRESSURE REGULATORS

SPECIALLY ENGINEERED REGULATORS FOR ULTRA-HIGH PURITY GASES



Regulator for Specialty Gases (RSG) Double / Single Stage, Double Gauge SS Regulator

MODEL : RSG-43 D/S

- ▶ Body made of Austenitic Stainless Steel- AISI – 316/304 grade
- ▶ Constructed from non-contaminating materials
- ▶ Teflon seal
- ▶ In-built safety device
- ▶ Teflon lined SS diaphragm
- ▶ Different inlet connections are provided as per IS standard to suit the various gas cylinders
- ▶ Use with wide variety of gases – Oxygen & all compressed gases, Acetylene, Carbon dioxide, Carbon monoxide, Ethylene, Nitrous oxide, Sulphur dioxide, rare gases like Neon, Xenon, Krypton etc.



RSG 43 D



RSG 43 S

Technical Specification:

MODEL	INLET PRESSURE	OUTLET PRESSURE	FLOW	STANDARD CONNECTION
RSG – 43 S	0 - 300 bar	0 - 8 bar	30 - 35 m ³ /h	Inlet 3/4" BSP (RH)M Outlet 3/8" BSP (RH)M
RSG – 43 D I	0 - 300 bar	0 - 10 bar	40 - 55 m ³ /h	
RSG – 43 D II	0 - 300 bar	0 - 15 bar	50 - 60 m ³ /h	

Note : "D" denotes = Double Stage, "S" denotes = Single Stage

GAS CUTTING TORCHES



Manual Cutting Blowpipe (Torch)

MODEL : PARTOGEN-2

- ▶ Brass forging body
- ▶ Resistance to backfire
- ▶ Extended torch length available
- ▶ Use for Cutting & Heating
- ▶ ISI Mark : IS 7653 & CE certified



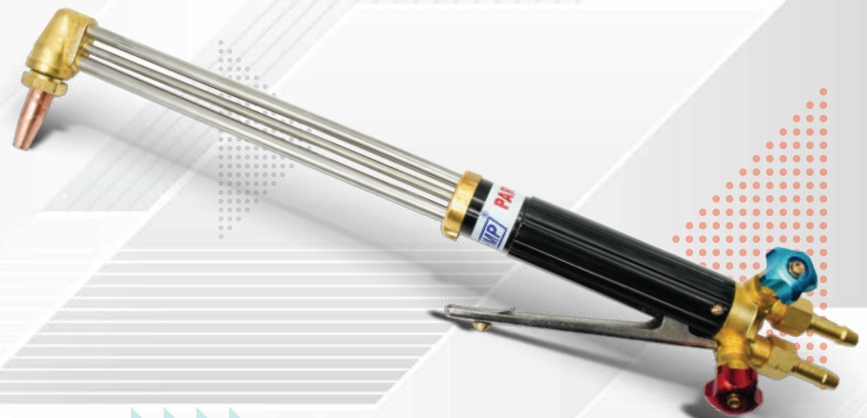
Technical Specification:

MODEL	GAS	TYPE & GAS MIXING	HEAD	CUTTING NOZZLE	MAX. CUTTING THICKNESS	WORKING PRESSURE	TORCH LENGTH
				2 Seat			
PARTOGEN 2	OXYGEN & FUEL	2 pipe, Injector/Shank Mixing	90°	Type A for DA Type B for LPG	12"/300 mm	2.5 kg/sq.cm to 4.0 kg/sq.cm	450 mm/ 18"

Manual Cutting Blowpipe (Torch)

MODEL : PARTOGEN-3

- ▶ Heavy duty cutting blowpipe
- ▶ Brass forging body
- ▶ Seamless SS pipe
- ▶ Resistance to backfire
- ▶ Extended torch length available
- ▶ Economy of gas saving
- ▶ Use for Cutting & Heating
- ▶ ISI Mark : IS 7653 & CE certified



Technical Specification:

MODEL	GAS	TYPE & GAS MIXING	HEAD	CUTTING NOZZLE	MAX. CUTTING THICKNESS	WORKING PRESSURE	TORCH LENGTH
				3 Seat			
PARTOGEN 3	OXYGEN & FUEL	3 pipe, Nozzle Mixing	90°	Type ANME for DA Type PNME for LPG	12"/300 mm	2.5 kg/sq.cm to 5.0 kg/sq.cm	450 mm/ 18"

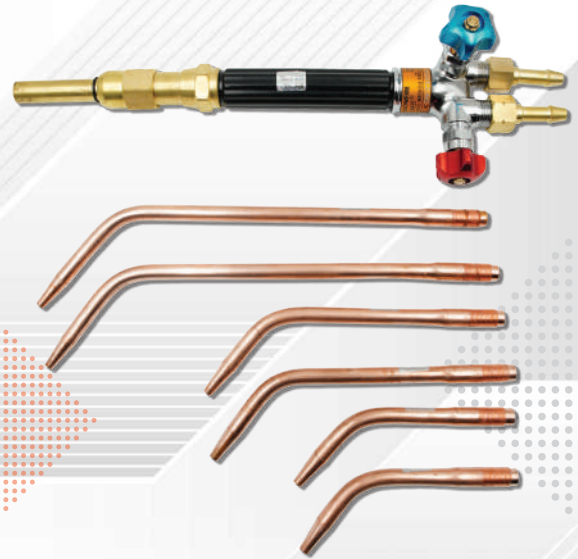
GAS WELDING TORCH

Manual Welding Blowpipe (Torch)



MODEL : BLOWFIRE

- ▶ Heavy duty welding blowpipe
- ▶ Brass forging body
- ▶ Copper tips
- ▶ Resistance to backfire
- ▶ ISI Mark : IS 7653 & CE certified



Technical Specification:

MODEL	GAS	HEAD	NOS. of COPPER TIPS (HIGH to LOW)	MAX WELDING CAPACITY	WORKING PRESSURE	TORCH LENGTH
				(mm)		(mm)
BLOWFIRE	OXYGEN & FUEL	Straight	6	3 to 15 mm	2.5 kg/sq.cm	270

GAS HEATING TORCH

Shower Type Heating Blowpipe (Torch) (Use only LPG as a Fuel gas)

MODEL : SHOWER LPG HEATING TORCH

- ▶ Brass forging body & head
- ▶ Copper Nozzle
- ▶ Seamless SS pipe
- ▶ Resistance to backfire
- ▶ Extended torch length available
- ISI Mark : IS 7653 & CE certified



Technical Specification:

MODEL	GAS	TIP END THREAD	OXYGEN PR. RANGE	FUEL PR. RANGE	WORKING PRESSURE	STD.TORCH LENGHT
				(bar)		
SHOWER LPG	OXYGEN & FUEL (LPG)	3/8" BSP (RH)M 3/8" BSP (LH)F	0.7 - 9.0	0.3 - 2.5	2.5 kg/sq.cm	1 Mt. Long

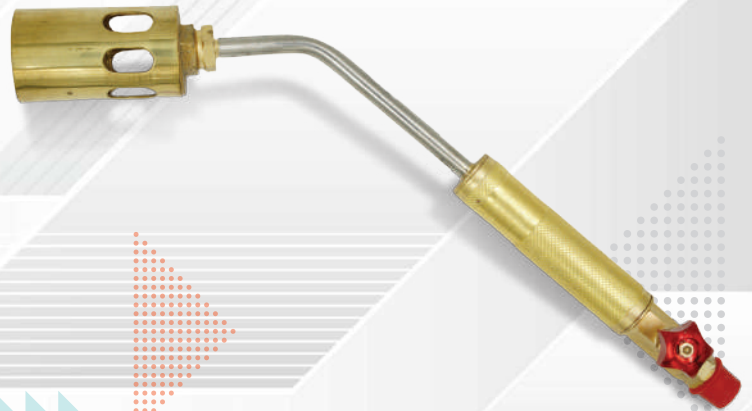
GAS HEATING TORCH

Burner Type Heating Blowpipe (Torch) (Use only LPG gas)



MODEL : BURNER LPG HEATING TORCH

- ▶ Brass forging body & head
- ▶ Brass Nozzle
- ▶ Seamless SS Pipe
- ▶ Resistance to backfire
- ▶ Extended torch length available
- ▶ ISI Mark : IS 7653 & CE certified



Technical Specification:

MODEL	GAS	TIP END THREAD	FUEL PR. RANGE	WORKING PRESSURE	STD.TORCH LENGHT
			(bar)		(inch)
BURNER LPG	FUEL (LPG)	3/8" BSP (RH)M 3/8" BSP (LH)F	0.3 - 2.5	2.5 kg/sq.cm	12, 18, 24 & 36

WELDING ACCESSORIES

Safety Instrument

MODEL : FLASHBACK ARRESTOR

- ▶ Brass forged body
- ▶ Dry type flashback arrestor
- ▶ Suitable for fitting on the Regulator, Torch & IMC outlet & Inlet
- ▶ Device prevents the flow to return from the downstream side
- ▶ Device is to stop or arrest the return of flame
- ▶ As per IS 11006 & CE certified



Technical Specification:

MODEL	GAS	THREAD	MAX. WORKING PRESSURE OF OXYGEN	MAX. WORKING PRESSURE OF DA/LPG	LENGTH
FLASHBACK ARRESTOR	Oxygen, DA & LPG	Regulator & Torch 3/8" BSP (RH) M X 3/8" BSP (LH)F IMC 3 Cutter.: 1/4" BSP (RH) M X 1/4" BSP (LH)F	15 bar / 220 psi	1.5 bar / 21 psi	83 mm

WELDING ACCESSORIES

Various Types of Nozzles



MODEL : GAS CUTTING NOZZLES

- ▶ Material: Brass & Copper
- ▶ Type A & ANME – Copper
- ▶ Type B & PNME – Brass to Copper
- ▶ ISI mark: IS 7653



A TYPE (2 Seat)



ANME (3 Seat)



B TYPE (2 Seat)



PNME (3 Seat)

Technical Specification:

Nozzle Size(inch)	Nozzle Size(mm)	Consumption of Gas		Cutting Thickness (mm)	GAS Pressure (bar)			
		OXYGEN (O ₂) (m ³ /h)	ACETYLENE (DA) (m ³ /h)		Nozzle Type A/ANME (2 Seat/3 Seat)		Nozzle Type B/PNME (2 Seat/3 Seat)	
					O ₂	DA	O ₂	LPG
1/32	0.8	5.0 to 5.76	0.76	3 - 6	1.5	0.15	1.5	0.15
3/64	1.2	7.6 to 10.0	1.02	6 - 12	2.0	0.15	2.5	0.15
1/16	1.6	10.0 to 12.7	1.52	12 - 75	2.5 - 3.5	0.15 - 0.3	3.0 - 3.5	0.2 - 0.35
5/64	2.0	15.0 to 19.0	2.50	75 - 100	3.0	0.3	3.5	0.4
3/32	2.4	22.0 to 25.5	3.0	100 - 150	3.0	0.3	4.0	0.4
7/64	2.8	30.5 to 35.5	3.5	150 - 200	4.0	0.3	4.5	0.4
1/8	3.2	40.0 to 55.5	4.8	200 - 300	4.5	0.35	5.6	0.5 - 0.6

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

CUTTING MACHINE

Portable Gas Cutting Machine



MODEL : STAG

- ▶ Injector type versatile Gas Cutting Machine
- ▶ Capable to cut any length straight line & circle
- ▶ Smooth speed control with variable resistance control technology
- ▶ Resistance to backfire
- ▶ Torch : IS 7653



Technical Specification:

MODEL	MAX. THICKNESS CUT	MAX. BAVEL CUT	CIRCLE CUT	CUTTING SPEED	GAS HOSE CONNECTION
STAG	75 mm MS	90° and 50mm thick MS	75 – 1140 mm Diameter	190 – 830 mm/min	1/4" BSP RH & LH

Portable Gas Cutting Machine

MODEL : STAG NM

- ▶ Versatile Gas Cutting Machine
- ▶ Nozzle mixing gas torch fitted
- ▶ Capable to cut any length straight line & circle
- ▶ Smooth speed control with variable resistance control technology
- ▶ Resistance to backfire
- ▶ Economy of gas saving
- ▶ Torch : IS 7653



Technical Specification:

MODEL	MAX. THICKNESS CUT	MAX. BAVEL CUT	CIRCLE CUT	CUTTING SPEED	GAS HOSE CONNECTION
STAG NM	100 mm MS	45° and 75 mm thick MS	75 – 1140 mm Diameter	100 – 1000 mm/min	1/4" BSP RH & LH

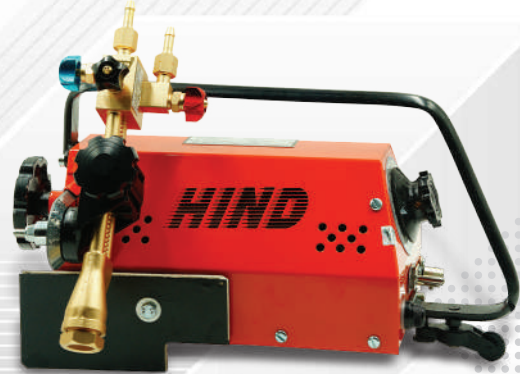
CUTTING MACHINE

Portable Gas Cutting Machine



MODEL : HIND

- ▶ Versatile Gas Cutting Machine
- ▶ Capable to cut any length straight line & circle
- ▶ Smooth speed control with variable resistance control technology
- ▶ Resistance to backfire
- ▶ Economy of gas saving
- ▶ Torch : IS 7653



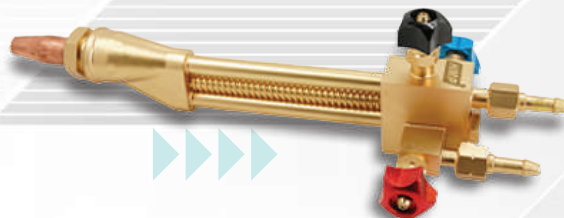
Technical Specification:

MODEL	MAX. THICKNESS CUT	MAX. BAVEL CUT	CIRCLE CUT	CUTTING SPEED	GAS HOSE CONNECTION
HIND	100 mm MS	45° and 75 mm thick MS	75 – 1140 mm Diameter	190 – 830 mm/min	1/4" BSP RH & LH

WELDING ACCESSORIES

Portable Gas Cutting Torch

MODEL : IMC-3 & IMC NM CUTTER



HMP make IMC3 cutting blowpipes are designed to machine operated cutting applications of portable gas cutting machines STAG/ HIND. They can be used with various fuel gases such as Acetylene, LPG / BMCG

Model : Injector Type & Nozzle Mixing Type

WELDING ACCESSORIES

ARC Welding Torches



MODEL : TIG (Tungsten Inert Gas) WELDING TORCH IN-BUILT SWITCH

- ▶ Arc welding with an infusible electrode and inert gas protection
- ▶ The torch cooling process through gas & water
- ▶ TIG welding is suitable for all types Carbon steel, low alloy steels, Alloyed stainless, Nickel alloys, Aluminum and its alloys, Titanium, Magnesium and others nonferrous alloys
- ▶ As per IS 7931 & CE certified



Technical Specification:

MODEL	GAS	LENGTH OF TORCH WITH CABLE	ELECTRODE	TUNGSTEN STEEL ROD Ø mm	VOLT
GC 200 , 300 & WC 400, 600	Argon	4 m / 8 m	Tungsten	2.4 to 3.0	220 / 230

ARC Welding Torches

MODEL : TIG TORCH 26 V

- ▶ Air cooled TIG Torch
- ▶ Torch equipped with a valve for gas flow control
- ▶ Gas valve and flexible head with comfortable knurled handle
- ▶ Non slip sure grip and precise control
- ▶ CE certified



Technical Specification:

MODEL	RATED AMP	DUTY CYCLE	CABLE LENGTH	NO. OF CABLES	GAS HOSE CONNECTION
TIG TORCH 26V	200	60%	12.5 ft (3.8 m)/ 25 ft (7.6 m)	1 or 2	0.5 to 4.0

WELDING ACCESSORIES



ARC Welding Torches

MODEL : TIG (Tungsten Inert Gas) WELDING TORCH IN-BUILT SWITCH

- ▶ Arc welding with an infusible electrode and inert gas protection
- ▶ The torch cooling process through gas & water
- ▶ TIG welding is suitable for all types Carbon steel, low alloy steels, Alloyed stainless, Nickel alloys, Aluminum and its alloys, Titanium, Magnesium and others nonferrous alloys
- ▶ As per IS 7931 & CE certified



Technical Specification:

MODEL	GAS	LENGTH OF TORCH WITH CABLE	ELECTRODE	TUNGSTEN STEEL ROD Ø mm	VOLT
GC 200 , 300 & WC 400, 600	Argon	4 m / 8 m	Tungsten	2.4 to 3.0	220 / 230

MIG Welding Torches

MODEL : MIG (Metal Inert Gas)/MAG WELDING TORCH

- ▶ The gas has a definite chemical process activity at high temperature of the electric arc is MIG process
- ▶ The torch cooling process through gas
- ▶ Torch use as continuous welding process without changing electrode frequently
- ▶ Pre- heater to be fitted for CO2 gas
- ▶ Use for weld various heavy-duty metals and alloys, including copper, aluminum, nickel, and iron.
- ▶ As per IS 7931 & CE certified



Technical Specification:

MODEL	TYPE	LENGTH OF TORCH	TORCH ADAPTER	CURRENT RATING	FIRE WIRE Ø mm	GAS FLOW (l/min)
HMP 250 G & 450 G	Ar /CO2 Gas cooled	3 m / 4 m	EURO CONNECTOR	60 % duty cycle	0.8, 1.2 & 1.6	11 to 12

WELDING ACCESSORIES

36 KD-HD MIG WELDING TORCH



MODEL : PRIME 36 KD-HD 250 Amps

MODEL : PRIME 36 KD-HD 400 Amps

- ▶ Gas cooled
- ▶ Compact & sturdy
- ▶ Wire diameter: 0.8, 1.2 & 1.6 mm
- ▶ Wire length: Standard 3 M
- ▶ Euro connection
- ▶ Duty cycle @ 60 %
- ▶ Cost-effective & safe solution
- ▶ CE certified



Welding Torches

MODEL : GOUGING TORCH

- ▶ Special grade Copper/Copper alloy for high conductivity of current
- ▶ Heat resistant insulators
- ▶ Triple air nozzles swivel head
- ▶ Use to Gauge, removal of excess weld metal, removal of internal or surface defects, & bevel edges for welding of various metal.



Technical Specification:

MODEL	Std. length of cable	Electrode	Weight of torch	Ampere	Air pressure
HMP - 9	2 mt.	9 & 12 mm	2.6 kg (approx.)	900	5.6 to 7.0 kg/cm ²
HMP - 15		12 & 15 mm		1500	

WELDING ACCESSORIES

Dual Output Argon / CO₂ Gas Pressure Regulator with Flow Meter for MIG & TIG Welding



MODEL : 26-D-RF (Single Stage Ar/CO₂ Regulator with Dual Flowmeter)

- ▶ Regulator: Brass forging body
- ▶ Conforming to IS 6901 Regulator
- ▶ Dual Ar/CO₂ Flowmeter: Precision machined forged brass body
- ▶ Use: Two nos. MIG / TIG Welding can be done simultaneously.



Technical Specification:

GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	PREFERRED WORKING PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	FLOW RANGE
	(bar)	(bar/psi)	(bar)	(bar/psi)		LPM
Ar / CO ₂	300	0 – 300 bar 0 – 4500 psi	0 - 2.0	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet	5 - 40

Welding Accessories

MODEL : FLOW METER (Ar/CO₂)

- ▶ Precision machined forged brass body & poly carbonate tube
- ▶ Used in control of gasflow in regulator outlet



Technical Specification:

MODEL	DIMENSION	RANGE	CONNECTION	AIR PRESSURE	WEIGHT
FLOW METER AR / CO ₂	Depth – 30 mm Width – 100 mm Height – 150 mm	5 – 40 lpm	Inlet – 3/4" BSP (F) Outlet - 3/4" BSP (M)	2 bar	210 gm (approx.)

WELDING ACCESSORIES

Pre Heater



MODEL : CO₂ PRE HEATER-WITH CORE

- ▶ Pre-heater is designed to heat CO₂ gas prior to pressure regulation in welding allowing constant flow without risk of freezing up pressure
- ▶ Thermostat resistant control
- ▶ Sturdy, compact & light weight design



Technical Specification:

MODEL	DIMENSION	CUT OFF TEMP	WEIGHT
CO ₂ PRE HEATER-WITH CORE	Depth – 63 mm Width – 62 mm Height – 62 mm	60°C	460 gm (approx.)

Regulator Flowmeter

MODEL : 26 RF (Argon / CO₂)

- ▶ Regulator flowmeter combine in one unit
- ▶ Forged brass body
- ▶ Fabric reinforced neoprene diaphragm
- ▶ Sintered inlet filter
- ▶ Internal self-relief valve
- ▶ MIG / TIG welding application



Technical Specification:

MODEL	GAS	INLET PRESSURE GAUGE	CONNECTION	MAX FLOW	WEIGHT
		(bar/psi)		(LPM)	(gm)
26 RF	Ar / CO ₂	0 – 300 bar 0 – 4500 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	5 – 40	850

Note : Flowmeter conversion - 1 SCFH = 0.472 LPM = 28.32 LPH

ARC WELDING ACCESSORIES

Electrode Holder



MODEL : FULLY & SEMI INSULATED

- ▶ An electrode holder also called a welding electrode holder mechanically holds and conducts current to an electrode during welding or cutting.
- ▶ Handle: Nylon glass field
- ▶ Heat & Fire resistance
- ▶ Jaw: Gun Metal
- ▶ ISI Mark: IS 2641



Technical Specification:

TYPE	RATED CURRENT	INSULATION	OPEN MOUTH	SIZE OF ELECTRODE
TYPE - A	400 and 600 amp	Fully insulated	Jaw type	1.5to 5 mm
TYPE - B		Semi insulated		

Heavy Duty Earthing Clamp

MODEL : EARTH CLAMP 400 & 600 Amp

- ▶ An earth clamp connects the lead out cable from the energiser to an earth rod.
- ▶ Insulated body with powder coated
- ▶ The earth clamp guarantees a secure connection between the energiser and earthing system for optimum electrical conductivity.
- ▶ Braided double copper shunt
- ▶ As per IS 2641



Technical Specification:

MODEL	TYPE	CAPACITY	INSULATION	WELDING CABLE CROSS SECTION
EARTH CLAMP 400 & 600 Amp	CROCODILE	EARTH CLAMP 600 Amp	WITHOUT INSULATED	95 to 120 sq.mm
		EARTH CLAMP 400 Amp	INSULATED	
		EARTH CLAMP 600 Amp	INSULATED	

WELDING ACCESSORIES

Rubber Hose for Welding & Cutting



MODEL : RUBBER HOSE PIPE

- ▶ Rubber inner lining and cover of the hose uniform in thickness and free from air blisters, porosity, splits & smooth in bore
- ▶ Blue colour for Oxygen & Red colour for Fuel (DA/LPG)
- ▶ Reinforcement high tensile synthetic yarn
- ▶ ISI Mark: IS 447



Technical Specification:

Bore Size	Working pressure	Hydrostatic test pressure	Burst pressure (Min)	Increase in outside dia. at working pressure% (Max)	Change in length at proof pressure % (Max)	Tensile strength MPa (Min)	Elongation
8 & 10 mm	1.25 MPa (12.5 bar)	2.5 MPa (25 bar)	5.0 MPa (50 bar)	+15, -5	± 12	Lining – 5.0 Cover – 7.0	Lining – 200 % Cover – 300 %

Industrial Gas Pressure Gauges

MODEL : PRESSURE GAUGES

- ▶ Materials: Aluminium die casting / MS case SS & Brass bourdon tube
- ▶ Scaling in bar & psi unit
- ▶ Safety devices or venting are incorporate in the case
- ▶ Dimension: Normal dial size 50 mm
- ▶ Accuracy: ± 2% FSD (Full- scale deflection)



Technical Specification:

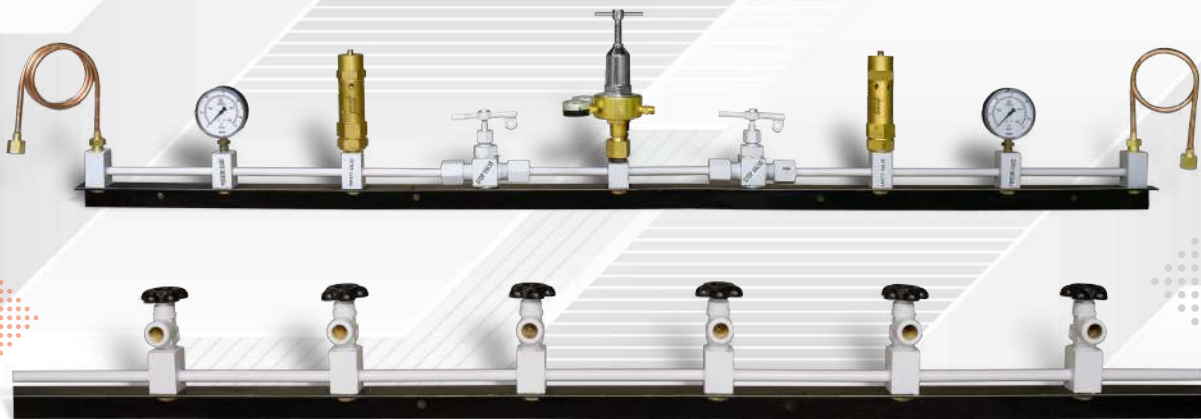
GAS	Inlet dual scale range (max)	Outlet dual scale range (max)	Connection thread
Oxygen & other compressed gases	0 – 300 bar & 0 – 4500 psi	0 – 16 bar & 0 – 240 psi	1/4"NPT (M) bottom entry
Acetylene & LPG / Propane	0 – 40 bar & 0 – 600 psi	0 – 4 bar & 0 – 60 psi	1/4"NPT (M) bottom entry

WELDING ACCESSORIES

Industrial Manifold



MODEL : MANIFOLD



Industrial , Medical Gas & Safety Equipment manifold system is a gas distribution system that connects gas lines and junctions into a single channel. Manifolds are used in gas processing and distribution systems, where flow can be divergent or convergent at different junctions. They are simple-to-use systems that can control flow for different pressurized applications. Manifolds have a hollow structure of copper pipe with stop valves, tail pipe, heavy duty gas pressure regulator, safety valves & pressure gauges

Gas Regulator

MODEL : LPG ADAPTOR

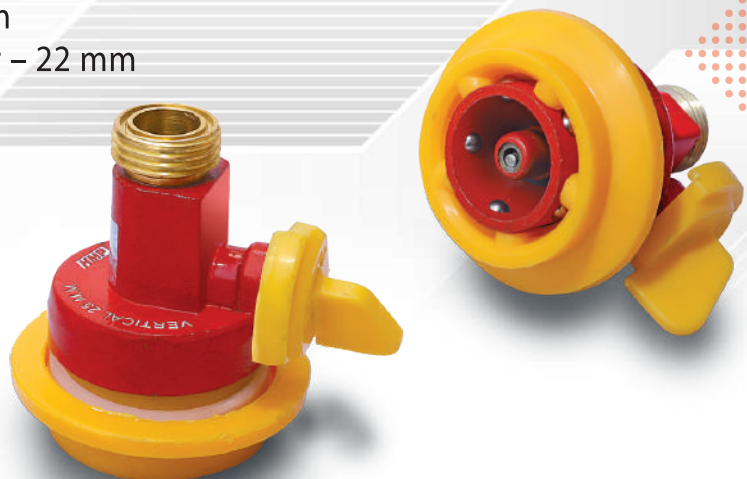
The adaptor is connected between gas pressure regulator and gas cylinder. The primary function of an LPG gas cylinder pressure down to required pressure. Adapter is high performance and durable in nature.

Body : Brass

Vertically mounted ball valve system

Adaptor dia to fit LPG cylinder – 24 mm

Adaptor dia to fit Relience gas cylinder – 22 mm



WELDING ACCESSORIES

Welding Machine



MODEL : ARC 400 IJ 3 Phase IGBT Module

Welding machines are an important part of the metal-processing industry, as they allow metal to be constructed into a specific structure. They are also used in construction-related jobs that require metalwork. The two most common types of welding machines are **MIG** welding machines and wire feeders, other types include **TIG** welding machines. To prevent degradation due to the breakdown of gases in the atmosphere, a shielding gas like argon, helium, or carbon dioxide is used. The electrode coated with "flux", a material that releases shielding gas while it melts.



Technical Specification:

INPUT VOLTAGE (V)	INPUT POWER CAPACITY (KVA)	NO-LOAD VOLTAGE (V)	OUTPUT CURRENT RANGE (A)	RATE INPUT CURRENT (A)	POWER FACTOR	NET WEIGHT (KG)	DIMENSION (INCH)	PLATE THICKNESS (MM)	ELECTRODE SIZE (MM)
AC415v±15%	18	68	30 - 400	17	0.93	26	21.5 x 11 x 21.5	2.0 - 40.0	2.0 - 6.0

MODEL : TIG / ARC 400 IJ 3 Phase IGBT Module



Technical Specification:

INPUT VOLTAGE (V)	INPUT POWER CAPACITY (KVA)	NO-LOAD VOLTAGE (V)	OUTPUT CURRENT RANGE (A)	RATE INPUT CURRENT (A)	ARC IGNATION	POWER FACTOR	NET WEIGHT (KG)	DIMENSION (INCH)	PLATE THICKNESS (MM)	ELECTRODE SIZE (MM)
AC415v±15%	13/18	68	7 - 400	13.1 / 18.2	HF	0.93	30	21.5 x 11 x 21.5	0.5 - 12.0/ 2.0 - 40.0	2.0 - 6.0

WELDING ACCESSORIES

Welding Machine



MODEL : MIG / ARC 630 IJ 3 Phase IGBT Module



Technical Specification:

INPUT VOLTAGE (V)	INPUT POWER CAPACITY (KVA)	OUTPUT VOLTAGE ADJUSTMENT (V)	OUTPUT CURRENT RANGE (A)	WIRE FEEDER SPEED (MTR/MIN)	POWER FACTOR	NET WEIGHT (KG)	DIMENSION (INCH)	MIG WIRE DIAMETER (MM)
AC415v±15%	35	44	80 - 630	3 - 24	0.93	50	25.5 x 12 x 25	0.8 - 1.6

MODEL : ARC 630 IJ 3 Phase IGBT Module



Technical Specification:

INPUT VOLTAGE (V)	INPUT POWER CAPACITY (KVA)	NO-LOAD VOLTAGE (V)	OUTPUT CURRENT RANGE (A)	WIRE FEEDER SPEED (MTR/MIN)	POWER FACTOR	NET WEIGHT (KG)	DIMENSION (INCH)	PLATE THICKNESS (MM)	ELECTRODE SIZE (MM)
AC415v±15%	36	85	50 - 630	53.1	0.93	44	25.5 x 12 x 25	2.0 - 60.0	2.0 - 6.3

MODEL : MIG / ARC 400 IJ 3 Phase IGBT Module



Technical Specification:

INPUT VOLTAGE (V)	INPUT POWER CAPACITY (KVA)	OUTPUT VOLTAGE ADJUSTMENT (V)	OUTPUT CURRENT RANGE (A)	WIRE FEEDER SPEED (MTR/MIN)	POWER FACTOR	DUTY CYCLE %	INSULATION GRADE	NET WEIGHT (KG)	DIMENSION (INCH)	ELECTRODE SIZE (MM)
AC415v±15%	14	31.5	50 - 400	3 - 24	0.93	60	F	36	21.5 x 11 x 21.5	0.8 - 1.2

ELECTRODE DRYING OVEN

Thermocut Carry Oven

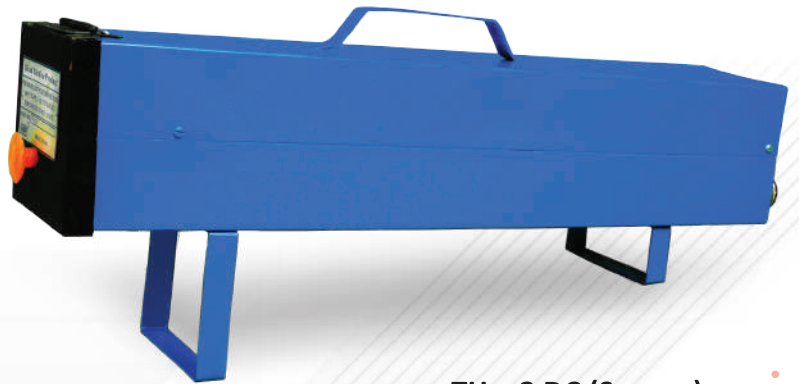


MODEL : TH-2 & TH-2 DC

- ▶ Thermocut carry ovens are round type & Square type
- ▶ Ovens are highly durable & energy efficient
- ▶ Light weight & easy to carry
- ▶ Ovens are fabricated using superior quality raw material and meet standard quality norms
- ▶ Electrodes are protected during transfer from the holding oven to the workplace



TH - 2



TH – 2 DC (Square)

Technical Specification:

MODEL	CAPACITY	INNER SPACE	ELECTRODE SIZE	TEMPERATURE RANGE	RATING	INPUT VOLT	CURRENT
TH - 2 (Round)	5 kg	Dia - 65 mm Depth - 435 mm (approx.)	18 inches	50°C to 300°C	300 watts	220/230-volt AC	1.5 amp
TH – 2 DC (Square)	5 kg	63 x 63 x 435 mm ³ (approx.)	18 inches	0°C to 150°C	170 watts	80 V DC	2.0 amp
TH - 2 (Square)	7 kg	Dia – 75 mm Depth – 455mm (approx.)	18 inches	50°C to 300°C	300 watts	220/230-volt AC	1.5 amp

ELECTRODE DRYING OVEN

Electrode Drying Oven/Flux Oven



MODEL : TH-1 D, TH-50 D & TH-1 MINI

- ▶ Electrode drying ovens are used for drying electrodes and ensure longer life of the electrode
- ▶ Digital display / non digital temperature controller, with relay system
- ▶ Especially suitable for re-drying the electrode having excess moisture than the constant capacity of the flux or electrode



TH 1 D (Digital/Non digital)



TH 50 D (Digital)



TH 1 MINI (Non digital)

Technical Specification:

MODEL	CAPACITY	STORAGE SPACE	ELECTRODE SIZE	TEMPERATURE RANGE	RATING	INPUT VOLT	CURRENT
TH 50 D (Digital)	50 kg	559 x 559 x 483 mm3 (approx.)	18 inches	0°C to 400°C	2000 watts	220/230-volt AC	9.0 amp
TH 1 D (Digital/Non digital)	25 kg	305 x 305 x 483 mm3 (approx.)	18 inches	0°C to 300°C	1600 watts	220/230-volt AC	7.0 amp
TH 1 MINI (Non digital)	10 kg	203 x 203 x 483 mm3 (approx.)	18 inches	50°C to 300°C	600 watts	220/230-volt AC	3.0 amp

OUR MISSION

At **HINDMEDICO PRODUCT PVT. LTD.** our mission is to enhance health and safety through innovative and high-quality solutions. We are committed to providing state-of-the-art welding gas equipment, medical gas equipment, and industrial safety products that meet the evolving needs of our customers.

Our key objectives include:

Quality Excellence: Ensuring every product we manufacture meets the highest standards of quality and reliability.

Innovation: Continuously advancing our technology and product offerings through rigorous research and development.

Customer Satisfaction: Building and maintaining strong relationships with our customers by delivering exceptional service and support.

Safety: Prioritizing the health and safety of our users by developing products that are safe, efficient, and dependable.

Sustainability: Operating with a focus on long-term sustainability, minimizing our environmental impact, and promoting responsible practices.

We are dedicated to achieving these goals by fostering a culture of excellence, integrity, and continuous improvement. At **HINDMEDICO PRODUCT PVT. LTD.** we strive to be a trusted partner in your success, delivering products that you can rely on for years to come.

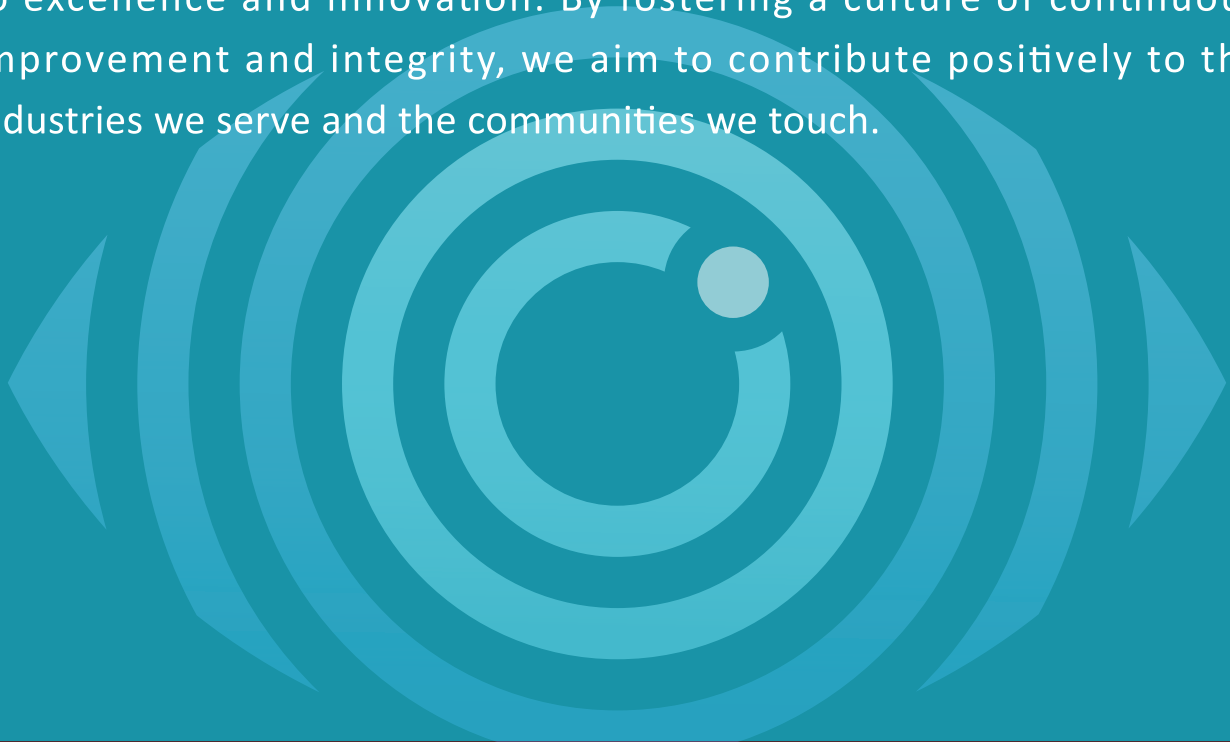


OUR VISION

At **HINDMEDICO PRODUCT PVT. LTD.** our vision is to be a global leader in providing innovative and reliable solutions for welding gas equipment, medical gas equipment, and industrial safety products. We aspire to set the benchmark for excellence in our industry, driven by a commitment to quality, safety, and customer satisfaction.

We aim to become the preferred choice for customers worldwide by consistently delivering superior products and services. Pioneering advancements in technology, we strive to meet the dynamic needs of the industry and our customers. Embracing sustainable practices, we contribute to the well-being of our planet and future generations. By upholding the highest standards in all aspects of our business, from product development to customer service, we ensure excellence in everything we do.

Our goal is to expand our presence and impact across international markets while maintaining our core values and commitment to quality. We envision a future where **HINDMEDICO PRODUCT PVT. LTD.** continues to inspire trust and confidence through our unwavering dedication to excellence and innovation. By fostering a culture of continuous improvement and integrity, we aim to contribute positively to the industries we serve and the communities we touch.



CERTIFICATES

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CERTIFICATE

HINDMEDICO PRODUCT PRIVATE LIMITED

ADDRESS: 1ST FLOOR, 5/8, ASHUTOSH MUKHERJEE ROAD,
BELURMATH, HOWRAH-711202, WEST BENGAL, INDIA

QACS certify that the quality management system of the above organization has been audited and found to be in accordance with the requirements of standard detailed below

ISO 9001:2015

For The Following Scope

MANUFACTURING & SUPPLY OF ANAESTHESIA MACHINES & MEDICAL GAS PIPELINE ACCESSORIES AND RELATED SPARES, ARC WELDING ACCESSORIES (ELECTRODE HOLDERS, EARTHING CLAMPS, WELDING CABLES), GAS WELDING EQUIPMENTS & ACCESSORIES (GAS PRESSURE REGULATORS, BLOWPIPES, FLASH BACK ARRESTORS, NOZZLES, CUTTING MACHINES), MIG & TIG WELDING TORCHES AND ACCESSORIES, LEATHER GLOVES, APRONS, RUBBER HOSE, INDUSTRIAL SAFETY HELMET AND INDUSTRIAL SAFETY BELT (HARNES)

Certificate No:- QACS-UAF-Q-HM-09.23.1010

EA Code:- 18

*This certificate is issued in accordance with the QACS International Pvt. Ltd. auditing and Certification procedures and it is remain valid subject to annual surveillance audit.

Certificate Issue Date	: 06.06.2024	1st Surveillance Date	: 08.11.2024
Dated Of Initial Registration	: 09.11.2023	*Certificate Expiry Date	: 08.11.2025
Certificate Validity	: 01 Year & 06 Months	Revision	: 01

Note: Certificate shall be valid after surveillance, only if continuation letter by QACS is present.

QACS International Pvt. Ltd.
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WE ARE PROUD TO SERVE





Hindmedico Product Private Limited

📍 Reg office : 5/8 Ashutosh Mukharjee Road Belurmath Howrah - 711202

Works : 3/1 Ashutosh Mukharjee Road Belurmath Howrah - 711202

☎ 033 2654 8185 • Mob : +91 98368 48888

✉ hmp.product@gmail.com

🌐 www.hmp.org.in • www.hmpproduct.in

