



The Whole World of Oxyfuel Technology



Flame Gouging

The Original - the Source of Safety

The Adolf Messer GmbH, founded in 1898, developed the first oxyfuel torches for welding and cutting. The company became the worldwide known gas and welding technology manufacturer Messer Griesheim GmbH. In 1999 the welding and cutting technology activities were merged in the Messer Cutting & Welding GmbH, and have been integrated into the MBCHolding GmbH in 2000. Since February 2005 MEC Holding GmbH becomes part of the Messer world.

The many years of co-operation with the gas companies have given us high competency in the application of technical and high-purity gases. At the Frankfurt /Main location Messer Cutting & Welding combines many years of experience in welding and process technology with innovation, quality and reliability. The wide range of products offers solutions for almost every case of application. Messer quality stands out due to its economic efficiency and long service life.

It is our prior objective to create maximum benefit for the customer. We achieve this by using the knowledge of our customers requirements, high technical competency and flexible, innovative products. We take the highest quality measures for granted, already since 1991 all company processes have been subjected to quality monitoring in accordance with DIN ISO9001.



Rivet Head Cutting

Oxyfuel Technology

This catalogue gives you an overview of our complete range of products for oxyfuel welding and cutting. In addition to this we offer extensive systems in the areas of heating technology and oxyfuel equipment for the steel industry. Our product portfolio is rounded off with proven Messer welding fillers, as well as MIG/MAG and TIG welding machines.

Training Sessions

Detailed product and repair training means that our customers are always up to date on the latest state of the art technology. Information on our training sessions and dates can be obtained.

Application Technology

Our specialist advisers are available with their professional knowledge and many years of experience for advice on application technology and to present our products in practical use.

PROFICUT H (EN ISO 5172)

The New Generation Nozzle Mixing Technology
(Same Torch can be used for Acetylene/LPG/BMCG*)

- HB8607B - Bottom lever:
Product Code - 71607125



Absolute Safety

- High resistance to back fires

Balanced Weight

- Comfortable working for continuous operation
- Torch weight 1050 gms., length 510mm

Accurate

- Precise flow rates
- Heavy duty applications even at low cylinder pressures
- Cutting range : 3 - 300mm

Tough

- 90° Solid Forged Brass Head

Durable

- Rugged design ensures maximum strength

Excellent Cutting Quality

- Reduced Post Cut Grinding Operation

* Note: Proficut cutting torch also available in following lengths
(800 mm, 1000 mm, 1200 mm & 1500 mm)



PROFICUT H

The Powerful Hand Cutting Torch For Flame Cutting and Flame Gouging

THE SAFEST ARRANGEMENT FOR GAS CUTTING MILD STEEL

ANME
NOZZLE MIXED FLAME CUTTING NOZZLES FOR
ACETYLENE

PRE-HEAT OXYGEN
ACETYLENE
CUTTING OXYGEN

- Solid one-piece nozzle with international 30° tapered seat.
- Nozzle Mixing Principle for mixing preheat oxygen and acetylene by 6 separate injectors within the nozzle.

THE SAFEST ARRANGEMENT FOR CUTTING MILD STEEL

PNME
NOZZLE MIXED FLAME CUTTING NOZZLES FOR
PROPANE (LPG), METHANE (NATURAL GAS) / *BMCG

PRE-HEAT OXYGEN
LPG / METHANE / *BMCG
CUTTING OXYGEN

- Solid two-piece nozzle with international 30° tapered seat.
- Each unit consisting of a cutting nozzle made from brass and heating cap made from copper.
- Nozzle Mixing Principle for mixing preheat oxygen and LPG by 3 separate injectors within the nozzle.



SETTING TABLE FOR ANME CUTTING NOZZLES (ACETYLENE GAS)

ANME Nozzle	Workpiece Thickness		Product Code	Oxygen Pressure		Acetylene Pressure		Oxygen Consumption		Acetylene Consumption		Nozzle Clearance	
	(mm)	(Inches)		(bar)	(p.s.i.)	(bar)	(p.s.i.)	(m ³ /h)	(c.f./h)	(m ³ /h)	(c.f./h)	(mm)	(Inches)
1/32	3-6	1/8-1/4	71616122	2.0	29	≡ 0.5	≡ 8	1.2	42	0.5	17	3-5	0.1-0.2
3/64	6-20	1/4-3/4	71616123	2.5	37			2.8	84	0.6	21		
1/16	20-75	3/4-3	71616124	3.5	51			4.8	168	0.7	25		
5/64	75-125	3-5	71616125	4.0	58			7.8	273	0.8	28	5-10	0.2-0.4
3/32	125-175	3-7	71616126	4.5	65			10.2	357	0.9	32		
7/64	175-225	7-9	71616128	5.5	80			24.5	861	1.0	35		
1/8	225-300	9-12	71616127	6.5	94	≡ 0.8	≡ 12	30.1	1058	1.2	42	10-15	0.4-0.6


*Select nozzle as per cutting thickness


SETTING TABLE FOR PNME CUTTING NOZZLES (PROPANE / LPG / BMCG*)

PNME Nozzle	Workpiece Thickness		Product Code	Oxygen Pressure		Propane Pressure		Oxygen Consumption		Propane consumption		Nozzle Clearance	
	(mm)	(Inches)		(bar)	(p.s.i.)	(bar)	(p.s.i.)	(m ³ /h)	(c.f./h)	(m ³ /h)	(c.f./h)	(mm)	(Inches)
1/32	3-6	1/8-1/4	71616140	2.0	29	≡ 0.5	≡ 8	2.2	77	0.4	14	3-5	0.1-0.2
3/64	6-20	1/4-3/4	71616141	3.0	44			4.3	151				
1/16	20-75	3/4-3	71616142	4.0	58			7.7	271				
5/64	75-125	3-5	71616143	4.5	65			11.6	408	0.5	18	5-10	0.2-0.4
3/32	125-175	5-7	71616144	5.0	73			17.8	626	0.6	21		
7/64	175-225	7-9	71616145	5.5	80			25.5	879	0.7	25	10-15	0.4-0.6
1/8	225-300	9-12	71616146	6.0	87	34.1	1199	0.9	32				

*Select nozzle as per cutting thickness

GAS-MIXING GOUGING NOZZLES for fuel gas acetylene

	Type	Size	Product Code	
	AGNM-S straight		1/8	71616230
			3/16	71616231
			1/4	71616232

	Type	Size	Product Code	
	AGNM-C curved		1/8	71616233
			3/16	71616234
			1/4	71616235

PROFICUT H

SAFEST DESIGN	LONG LIFE	GAS ECONOMY
Features	Benefits	
Increased Nozzle Clearance	<ul style="list-style-type: none"> Minimal Nozzle Wear, hence Extended Nozzle Life 	
High Precision Nozzle Design	<ul style="list-style-type: none"> Modern Jet Design gives Economical Cutting Oxygen Consumption Highly focussed and Stable Preheating flame, each time the torch is lighted. Gives High Speed Preheating resulting in saving both oxygen & fuel gas consumption 	

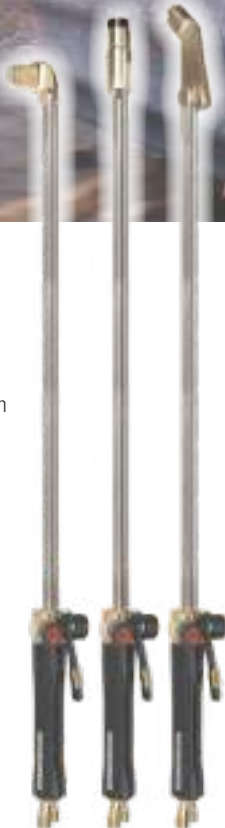
STARCUT (Heavy Duty)

Hand Cutting Torch for Large Jobs
Flame Gouging torch for Special Jobs



STARCUT

- Connections - 3/8 " LH for fuel & 3/8 " RH for oxygen
- Cutting range - 3-300 mm
- Gas type - Acetylene-Oxygen or LPG- Oxygen
- Heads - 95°, 135° & 180°
- Length upto 3000mm



Model	Head	Length	Nozzle Type	Product Code
STARCUT 8622	95 DEG	540mm	3 Seat	71606896
STARCUT 8622	95 DEG	1000mm	3 Seat	71606902
STARCUT 8622	95 DEG	1500mm	3 Seat	71606973
STARCUT 8622	95 DEG	2000mm	3 Seat	71606974
STARCUT 8622	95 DEG	2500mm	3 Seat	71606949
STARCUT 8622	95 DEG	3000mm	3 Seat	71607405
STARCUT 9622	180 DEG	540mm	3 Seat	71606946
STARCUT 9622	180 DEG	1000mm	3 Seat	71606947
STARCUT 9622	180 DEG	1500mm	3 Seat	71606945
STARCUT 9622	180 DEG	2000mm	3 Seat	71606975
STARCUT 9622	180 DEG	2500mm	3 Seat	71607403
STARCUT 9622	180 DEG	3000mm	3 Seat	71607404
STARCUT 1615	135 DEG	1000mm	R&S (PMYF)	71605482MOD

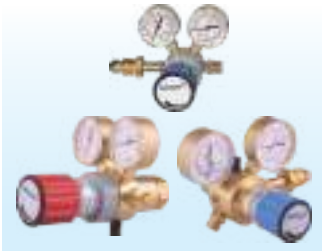
Starcut
Heavy Duty Hand Cutting upto 500mm

PRESSURE REGULATORS (EN ISO 2503)



Reliable, Versatile, Compact & Internationally Proven

Save Gases by Using Facility to Lock Pressure & Flow



S.S. Sintered Central Micro Filter

- No contamination of Valve Seat
- No gas leakages

Maintenance Free

- Thick NBR diaphragm
- Supported by large Backup Plate

Accurate control

- Minimum pressure fluctuation
- High flow rates even at low cylinder pressures

High Operator Safety

- Pressure relief valve

Strong, Durable & Safe

- Forged brass body & housing cap
- Fire-retardant valve seat material

Sintered Inlet Filter

- Prevents dust and contaminants from entering the regulator

Heavy Duty Cylinder Pressure Regulators



The Complete Range of Tornado Regulators

TORNADO HEAVY DUTY PRESSURE REGULATOR WITH OUTLET PRESSURE GAUGE

TORNADO Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Product Code
R/B-O	BSP	Oxygen O ₂	230 bar / 3335 psi	10 bar / 145 psi	77051868
R/B-A	BSP	Acetylene	25 bar / 360 psi	1.5 bar / 22 psi	77051870
R/UB-P	BSP	LPG/BMCG/Propane	25 bar / 360 psi	2.5 bar / 37 psi	77053941*
R/B-H	BSP	Hydrogen H ₂	230 bar / 3335 psi	10 bar / 145 psi	77051874
R/B-N	BSP	Nitrogen N ₂	230 bar / 3335 psi	10 bar / 145 psi	77051880
R/B-He	BSP	Helium He	230 bar / 3335 psi	10 bar / 145 psi	77051882
R/B-AR	BSP	Argon Ar	230 bar / 3335 psi	10 bar / 145 psi	77051807

With unique pressure locking facility

TYPHOON PRESSURE REGULATOR FOR GENERAL APPLICATION



Typhoon Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Product Code
B/S-O	BSP	Oxygen	230 bar / 3335 psi	10 bar / 145 psi	77021059
B/S-A	BSP	Acetylene	25 bar / 360 psi	1.5 bar / 22 psi	77021063
B/S-P	BSP	LPG / BMCG	25 bar / 360 psi	2.5 bar / 37 psi	77021071

TYPHOON DOUBLE STAGE REGULATORS



Typhoon Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Product Code
DL/B-ACETYLENE	BSP	Acetylene	25 bar / 360 psi	1.5 bar / 22 psi	77025081
DL/B-N ₂ /AR	BSP	N ₂ / Ar	230 bar / 3335 psi	10 bar / 145 psi	77025082
DL/B-O ₂	BSP	Oxygen O ₂	230 bar / 3335 psi	10 bar / 145 psi	77025083
DL/B-PROPANE	BSP	LPG/PROPANE	25 bar / 360 psi	2.5 bar / 37 psi	77025084

TORNADO 300 REGULATORS - HIGH FLOW 0-250M³ / Hr. 20 BAR OUTLET



TORNADO Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Product Code
RST/B - O	BSP	OXYGEN	230 bar / 3335 psi	20 bar / 290 psi	77053037
RST/B - AR	BSP	ARGON	230 bar / 3335 psi	20 bar / 290 psi	77053103
RST/B - C	BSP	CO ₂	100 bar / 1450 psi	20 bar / 290 psi	77053207
RST/B - N	BSP	NITROGEN	230 bar / 3335 psi	20 bar / 290 psi	77053217
RSH/B - A	BSP	ACETYLENE	25 bar / 360 psi	1.5 bar / 22 psi	77053047
RSH/B - LPG	BSP	LPG/PROPANE	25 bar / 360 psi	2.5 bar / 37 psi	77053057

*To be used with LPG / BMCG Cylinder Adapters

CONSTANT 2000



TORNADO Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Product Code
Constant 2000	BSP	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	71620110
Constant 2000	BSP	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	71620250
Constant 2000	BSP	Oxygen	200 bar / 2900 psi	20 bar / 290 psi	71620250MOD
Constant 2000	BSP	Oxygen	200 bar / 2900 psi	50 bar / 725 psi	71705344
Constant 2000	BSP	Nitrogen	200 bar / 2900 psi	20 bar / 290 psi	71705532MOD
Constant 2000	BSP	Nitrogen	200 bar / 2900 psi	50 bar / 725 psi	71705533MOD
Constant 2000	BSP	Compressed Air	200 bar / 2900 psi	10 bar / 145 psi	71620141MOD
Constant 2000	BSP	Compressed Air	200 bar / 2900 psi	20 bar / 290 psi	71620142MOD

CONSTANT 2000 WITH HIGH PRESSURE



TORNADO Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Product Code
Constant 2000	BSP	Nitrogen	200 bar / 2900 psi	100 bar / 1450 psi	71705534MOD
Constant 2000	BSP	Nitrogen	300 bar / 4350 psi	150 bar / 2175 psi	71705535MOD
Constant 2000	BSP	Nitrogen	300 bar / 4350 psi	200 bar / 2900 psi	71705536MOD

WELDING REGULATOR AND FLOWMETERS

HEAVY DUTY CYLINDER PRESSURE REGULATORS WITH OUTLET SINGLE FLOWMETER



TORNADO Type	Standard	Gas Type	Inlet Pressure	Outlet Flow	Product Code
RFM/B-Ar	BSP	Argon Ar	230 bar / 3335 psi	30 L/min	77052128
RFM/B-C	BSP	CO ₂	100 bar / 1450 psi	30 L/min	77052134
RFM/B-N	BSP	Nitrogen N ₂	230 bar / 3335 psi	30 L/min	77052140
RFM/B-H	BSP	Hydrogen H ₂	230 bar / 3335 psi	30 L/min	77052146



TORNADO CO₂ REGULATOR WITH INBUILT PREHEATER

TORNADO Type	Standard	Gas Type	Inlet Pressure	Outlet Flow	Product Code
RSFGE/B-C	BSP	CO ₂	100 bar / 1450 psi	32 L/min	77026098
RFME/B-C	BSP	CO ₂	100 bar / 1450 psi	30 L/min	77052900



TORNADO HEAVY DUTY PRESSURE REGULATOR WITH OUTLET FLOW GAUGE

TORNADO Type	Standard	Gas Type	Inlet Pressure	Outlet Flow	Product Code
RSFG/B-Ar	BSP	Argon Ar	230 bar / 3335 psi	32 L/min	77052018
RSFG/B-C	BSP	CO ₂	100 bar / 1450 psi	32 L/min	77052030

With unique flow locking facility



TYPHOON PRESSURE REGULATOR WITH OUTLET FLOW GAUGE

TORNADO Type	Standard	Gas Type	Inlet Pressure	Outlet Flow	Product Code
RSFG/B-C	BSP	CO ₂	100 bar / 1450 psi	32 L/min	77021779
RSFG/B-AR	BSP	Argon Ar	230 bar / 3335 psi	32 L/min	77021780



TYPHOON REGULATOR WITH FLOWMETER

TYPHOON Type	Standard	Gas Type	Inlet Pressure	Outlet Flow	Product Code
LFM/B-Ar	BSP	Ar	230 bar / 3335 psi	30 L/min	77021093
LFM/B-C	BSP	CO ₂	100 bar / 1450 psi	30 L/min	77021097



TYPHOON DOUBLE STAGE REGULATOR WITH FLOWMETER (GAS SAVER)

TYPHOON Type	Standard	Gas Type	Inlet Pressure	Outlet Flow	Product Code
LDFM/B-Ar	BSP	Ar	230 bar / 3335 psi	30 L/min	77025113
LDFM/B-C	BSP	CO ₂	100 bar / 1450 psi	30 L/min	77025116



TORNADO LILLIPUT SERIES REGULATORS

TORNADO Type	Standard	Gas Type	Inlet Pressure	Outlet Flow	Product Code
W/B LILLIPUT- A+C	BSP	Ar + CO ₂	230 bar / 3335 psi	30 L/min	77053951
W/B LILLIPUT - A	BSP	Ar	230 bar / 3335 psi	30 L/min	77053952
W/B LILLIPUT - C	BSP	CO ₂	100 bar / 1450 psi	30 L/min	77053953



FLOWMETER

TORNADO Type	Standard	Gas Type	Outlet Flow	Product Code
FMRN/B-AR/C	BSP	Ar + C	30 L/min	77052924MOD
FM-95 / B-X AR/CO ₂	BSP	Ar + C	30 L/min	77050659

World Class Safety Equipment

Safety you can rely on with our reputation behind it

Flashback arrestor are made as per EN 730, BAM approved & UL Certified.



SIMAX 1"



DEMAX 5 1"



DG 91 UA 3/8"



DG 91 N 3/8" & 1/2"



GT 1/4"



GG 3/8"



TT



DGN-DK 3/8"



DGN 3/8"

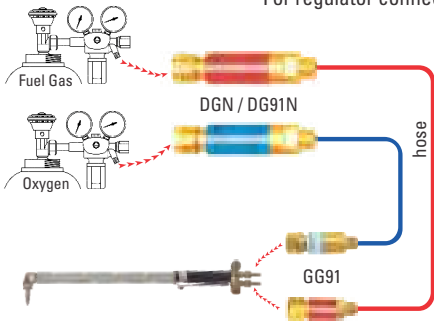
**Recommended For Heating, Brazing and Cutting Torch
For Regulator End, Machine Cutting Torches &
Gas Supply Lines**

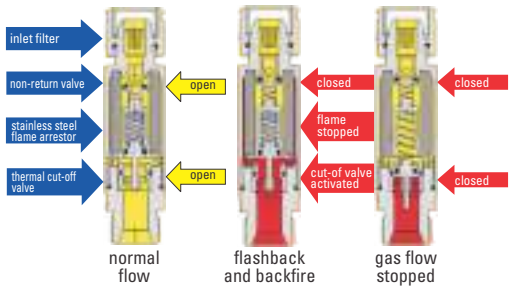
The right connection for all gas applications

FLASHBACK ARRESTOR PLACEMENT

FLASHBACK ARRESTOR FUNCTIONING

For regulator connection: Flashback arrestor type model DGN according EN 730 and ISO 5175 with filter, non-return valve, flame arrestor and thermal cut-off valve





normal flow

flashback and backfire

gas flow stopped

FLASHBACK ARRESTORS FOR CUTTING HEATING AND BRAZING TORCHES

Model	Description	Connections	Product Code
DGN-Fuel	Flashback Arrestor Regulator side Fuel Gas (LPG / DA / BMCG)	G 3/8" LH	0463385
DGN-Oxy	Flashback Arrestor Regulator side Oxygen	G 3/8" RH	0463387
GG 91 Fuel	Flashback Arrestor Torch side Fuel Gas (LPG / DA / BMCG)	G 3/8" LH	0463388
GG 91 Oxy	Flashback Arrestor Torch side Oxygen	G 3/8" RH	0463390
GT Oxy	Flashback Arrestor Torch side Oxygen Gas	G 1/4" RH	0463393
GT Fuel	Flashback Arrestor Torch side Fuel Gas (LPG / DA / BMCG)	G 1/4" LH	0463393MODLH
DG 91N Fuel	Flashback Arrestor Regulator side Fuel Gas (LPG / DA / BMCG)	G 3/8" LH	0463829
DG 91N Oxy	Flashback Arrestor Regulator side Oxygen	G 3/8" RH	0463832
DG 91N Fuel	Flashback Arrestor Regulator side Fuel Gas (LPG / DA / BMCG)	G 1/2" LH	0463830
DG 91N Oxy	Flashback Arrestor Regulator side Oxygen	G 1/2" RH	0463833
Demax 5 Fuel	Flashback Arrestor For Mani Fold Fuel Gas	G 1" LH	0463840
Demax 5 Oxy	Flashback Arrestor For Mani Fold Fuel Oxygen	G 1" RH	0463841
Simax 3 Fuel	Flashback Arrestor For Mani Fold Fuel Gas	G 1" LH	0463842
Simax 3 Oxy	Flashback Arrestor For Mani Fold Fuel Oxygen	G 1" RH	0463843
Simax 5 Fuel	Flashback Arrestor For Mani Fold Fuel Gas	G 1" LH	0463844
Simax 5 Oxy	Flashback Arrestor For Mani Fold Fuel Oxygen	G 1" RH	0463845

FLASHBACK ARRESTORS FOR MACHINE CUTTING TORCHES

Description	Connections	Product Code
Flashback arrestor for heating oxygen	G 1/4" RH	0647583
Flashback arrestor for cutting oxygen	G 3/8" RH	0647584
Flashback arrestor for fuel gas (LPG / DA / BMCG)	G 3/8" LH	0346364

PVGD & PVHD testing M/c

- We provide testing & cleaning facility of FBA by Messer make PVGD & PVHD testing machines as per procedure laid by Messers germany.





New Monoblock Valve

- For higher flow rates and precise adjustment.

High Operational Safety

- Injector Mixing Principle Backfire & Backflow resistant

High Gas Flow Rates

- Heavy duty applications

Robust Construction

- Valve housing of the handpiece is made of brass Corrosion free & durable

Balanced weight - Ergonomic design

- High productivity

Heating, Welding, Brazing and Flame Straightening For All Fuel Gases






Starlight Heating Torches for Fuel Gas Acetylene & LPG

Starlight Handle	Type	Description		Connections	Product Code	Gas	
		1302 MB	Starlight Handle			BSP: G3 / 8RH-G3/8LH	71605976
	Size	O ₂ -Consumption	Overall length approx.		Product Code tip complete	Product Code heating nozzle	Gas
Starlight Handle	FB5*	0.5 - 0.9 m ³ /h	430 mm		71651809	71600725	Acetylene
	HF12	5 - 12 m ³ /h	430 mm		71651722	71605646	LPG / BMCG / Propane


*Special low sound nozzle - "Whisper"

Star Heating Torches for Fuel Gas Acetylene & LPG


 Star Handle	 FB-9	Type	Description	Connections	Product Code	Gas		
	2020 MB	Star Handle	BSP: G3 / 8RH-G3 / 8LH	71607230	LPG - Propane / C ₂ H ₂ - Acetylene / BMCG			
	 HF-14	Size	O ₂ -Consumption	Overall length approx.	Product Code tip complete	Product Code heating nozzle	Gas	
	FB9*	3,1 - 5,5 m ³ /h	675 mm	71600759	71600779	Acetylene		
	HF14	13 - 35 m ³ /h	720 mm	71605644	71605648	LPG / BMCG / Propane		

*Special low sound nozzle - "Whisper"


MIXING TUBE WITH HAMMERED FINISH WELDING, BRAZING AND HEATING NOZZLE, CENTRAL FLAME OUTLET

 S-P	Size	O ₂ -Consumption	Overall length approx.	Product Code tip complete	Product Code heating nozzle	Gas
	4	500 l/h	207 mm	71606494	71606484	LPG / BMCG / Propane
	5	800 l/h	245 mm	71606495	71606485	LPG / BMCG / Propane
	6	1.250 l/h	266 mm	71606496	71606486	LPG / BMCG / Propane


MIXING TUBE WITH HAMMERED FINISH WELDING, BRAZING AND HEATING NOZZLE, CENTRAL FLAME OUTLET

 S-A	Size	O ₂ -Consumption	Welding Range	Product Code tip complete	Product Code heating nozzle	Gas
	4	500 l/h	4,0 - 6,0 mm	71605054	71605044	Acetylene
	5	800 l/h	6,0 - 9,0 mm	71605055	71605045	Acetylene
	6	1.250 l/h	9,0 - 14,0 mm	71605056	71605046	Acetylene

STABILISED, CENTRAL FLAME OUTLET, NOZZLES REPLACEABLE

 A	Size	O ₂ -Consumption	Overall length approx.	Product Code tip complete	Product Code heating nozzle	Gas
	7	1,2 - 4,2 m ³ /h	430 mm	71651805	24234710	Acetylene
	8	1,8 - 4,6 m ³ /h	580 mm	71651806	24234810	Acetylene

STABILISED, CENTRAL FLAME OUTLET, NOZZLES REPLACEABLE

 P	Size	O ₂ -Consumption	Overall length approx.	Product Code tip complete	Product Code heating nozzle	Gas
	8	2 - 6 m ³ /h	430 mm	71651713	71601234	LPG / BMCG / Propane
	10	6 - 14 m ³ /h	580 mm	71651714	71601235	LPG / BMCG / Propane

FLAME STRAIGHTENING TORCH

	Product Code	Product Description
	71606811	FLAME STRAIGHTENING TORCH Z3 A 4-6MM
	71606813	FLAME STRAIGHTENING TORCH Z5 A 4-6MM

SPARE NOZZLE (OF FLAME STRAIGHTENING TORCH) 24234410

High Heating Performance with Fuel Gas Only (LPG-BMCG)

The New High Performance Brazing and Heating torch AIRTHERM *FSH-P* continues the tradition of Messer gas brazing and heating equipment with the quality and reliability, which is synonymous with Messer.

The torch series AIRTHERM *FSH-P* for fuel gas propane/atmospheric air with a power and highly stable flame even in most adverse conditions is a proven design incorporating the latest technical features necessary to meet the ever-changing applications and requirements for gas brazing and heating.

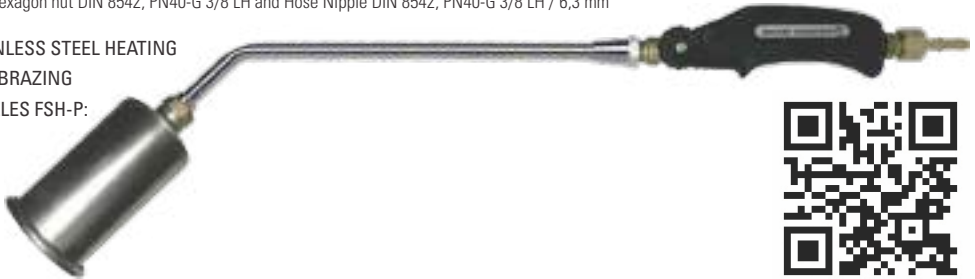
The Brazing and Heating Torch AIRTHERM *FSH-P* is the low cost, high quality, value alternative.

TORCH HANDLE AIRTHERM 2002:

with hexagon nut DIN 8542, PN40-G 3/8 LH and Hose Nipple DIN 8542, PN40-G 3/8 LH / 6,3 mm

Only Handle
Part No.: 0463452

STAINLESS STEEL HEATING AND BRAZING NOZZLES FSH-P:



TORCH NECKS AIRTHERM 2002:





Torch Neck AIRTHERM 2002, length 200 mm - 05321260
Torch Neck AIRTHERM 2002, length 350 mm - 05321270

Torch Neck AIRTHERM 2002, length 750 mm - 05321290
Torch Neck AIRTHERM 2002, length 1000 mm - 05321300



OPERATING DATA:

	Airtherm Heating Nozzle	Product Code	Connection Thread	Fuel Gas	Propane (LPG)		Flame-Capacity (kW/h)
					Pressure (Bar)	Consumption (l/h)	
	FSH 30	71651918	Female thread M 20 x 1.0 (flat sealing)	Propane (LPG)	1.5 - 4.0	600 - 1050	15 - 27
	FSH 40	71651919				1050 - 2100	27 - 54
	FSH 50	71651920				1850 - 3750	47 - 98
	FSH 60	71651921				2700 - 4900	71 - 126
	FSH 80	71651922				3200 - 5400	83 - 139

AIRTHERM TORCH - Complete Set of Handle, Neck and Heating Nozzle

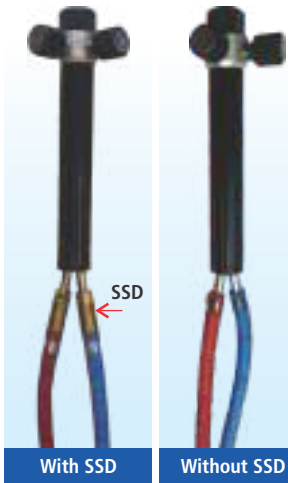
Super 50	80830486	Heating Torch
Super 60	80830361	Heating Torch

**The High Performance Heating Torch
For LPG / Propane & Atmospheric Air**

MINITHERM (Weight <100 grams)

The feather weight welding and heating torch

The MINITHERM torch range has been developed to meet the need of trade and industry for a small injector torch to handle special jobs.



Product Description	Product Code
Minitherm Kit with Hose & 5 Inserts Set HA	71601427
Minitherm Kit with Hose & 5 Inserts Set PM	71601428
Minitherm BH with Hose 3M	71606112
Minitherm Handle with 3M Hose (Safety Device)	71607184



MINITHERM inserts type HA, fuel gas Hydrogen and Acetylene

Size	Product Code	Oxygen Pressure (bar)	Acetylene Pressure (bar)	Hydrogen Pressure (bar)	Oxygen consumption (l/h)	Acetylene consumption (l/h)	Hydrogen consumption (l/h)
0-HA	71600979	0,5 - 2,5	> 0,2	> 0,5	28 - 72	28 - 72	78 - 200
1-HA	71600980	0,5 - 2,5	> 0,2	> 0,5	58 - 150	58 - 150	161 - 420
2-HA	71600981	1,0 - 2,5	> 0,2	> 0,5	155 - 285	155 - 285	431 - 792
3-HA	71600982	1,0 - 3,0	> 0,2	> 0,5	215 - 440	215 - 440	597 - 1220

MINITHERM inserts type PMYF, fuel gas Propane, MAPP, GRIESON, BMCG and LPG

Size	Product Code	Oxygen Pressure (bar)	Fuel gas Pressure (bar)	Oxygen consumption (bar)	Propane consumption (l/h)	MAPP consumption (l/h)	GRIESON consumption (l/h)
0-PMYF	71600989	0,5 - 2,5	> 0,2	28 - 72	8 - 20	11 - 29	16 - 40
1-PMYF	71600990	0,5 - 2,5	> 0,2	58 - 150	16 - 41	23 - 60	32 - 83
2-PMYF	71600991	1,0 - 2,5	> 0,2	155 - 285	42 - 77	62 - 114	86 - 158
3-PMYF	71600992	1,0 - 3,0	> 0,2	215 - 440	58 - 119	86 - 176	119 - 244

MINITHERM forked torches type Z-HA, fuel Hydrogen and Acetylene

Size	Product Code	Oxygen Pressure (bar)	Acetylene Pressure (bar)	Oxygen consumption (l/h)	Acetylene consumption (l/h)	Hydrogen consumption (l/h)
Z 2 HA	71602560	1,0 - 3,0	> 0,5	310 - 570	282 - 518	861 - 1583
Z 3 HA	71650466	2,0 - 5,5	> 0,5	430 - 880	391 - 800	1194 - 2444

MINITHERM inserts type PMYF, fuel gas Propane, MAPP, GRIESON, BMCG and LPG

Size	Product Code	Oxygen Pressure (bar)	Fuel Gas Pressure (bar)	Oxygen consumption (l/h)	Propane consumption (l/h)	Methane (N.G.) consumption (l/h)	MAPP consumption (l/h)	GRIESON consumption (l/h)
Z 2 PMYF	71650471	1,0 - 3,0	> 0,5	310 - 570	583 - 1972	83 - 152	111 - 204	172 - 317
Z 3 PMYE	71650472	1,0 - 5,5	> 0,5	430 - 880	778 - 1167	115 - 235	154 - 314	239 - 489

**The Light Weight Torch
Welder Comfort Hence Increased Productivity**



Operating Safety

- High resistance to back fires

Accurate Flame Control

- By adjustable injector needle valve

Slim Design

- Excellent torch handling

Light Weight

- Total weight only 468 gms.

Torch Details :

Torch set ALLGAS 2003 *A/PMYF* for fuel gas Acetylene with :

5 acetylene nozzles size 25-A, 50-A, 75-A, 100-A and 150-A/2 acetylene nozzles 100-A & 150-A nozzle holder, hexagon nuts and nipples for hoses and operating instructions Product Code : 71651668

Torch set ALLGAS 2003 *A/PMYF* for fuel gas LPG/BMCG with :

5 LPG nozzles size 25-P, 50-P, 75-P, 100-P and 150-P / 2 LPG nozzle 100-P & 150-P nozzle holder, nuts and nipples for hoses and operating instructions Product Code : 71651669

Nozzle-spanner/nozzle-holder Product Code : 71651739

Brazing, Heating and Welding For Acetylene / LPG Gas

Nozzle Details :

ALLGAS 2003 Nozzle Size / Type	Gas-service	Product Code	Welding Range [mm]	Operating Pressures		Flow Rates	
				Oxygen [bar]	Fuel Gas [bar]	Oxygen [L/h]	Fuel Gas [L/h]
	Acetylene	71651670	0.2 - 0.5	0.5 - 0.8	0.3	30 - 90	30 - 90
		71651671	0.5 - 0.8	0.8 - 1.0		40 - 130	40 - 130
		71651672	1.0 - 1.5	1.0 - 1.5		60 - 200	60 - 200
		71651673	1.5 - 2.0	1.5 - 2.0		80 - 250	80 - 250
		71651674	2.0 - 2.5	2.0 - 2.5		100 - 300	100 - 300
	LPG / BMCG (Propane)	71651675	0.2 - 0.5	0.5 - 0.8	0.2	30 - 90	1 - 25
		71651676	0.5 - 0.8	0.8 - 1.0		40 - 130	11 - 35
		71651677	1.0 - 1.5	1.0 - 1.5		60 - 200	16 - 55
		71651678	1.5 - 2.0	1.5 - 2.0		80 - 250	22 - 70
		71651679	2.0 - 2.5	2.0 - 2.5		100 - 300	27 - 83

GAS ECONOMIZER (Saves Gas - Increases Productivity)



For Saving Oxygen, Fuel Gas, Time and Torch Wear

Pilot Flame

- Easy restart of torch without resetting of flame

Easy Installation

- Can be fitted on any work bench or wall bracket



IGE Gas Economiser



Gas Economiser for Minitherm

It discontinues automatically the supply of oxygen and fuel gas to the torch when the torch is placed on the hook during the intervals between operations. The flame does not require re-setting on resuming operations. When the torch is unhooked, the full gas flow supply is released and the previous mixing ratio is maintained.

Absolutely necessary whenever work involves frequent temporary stoppages; as in production brazing.

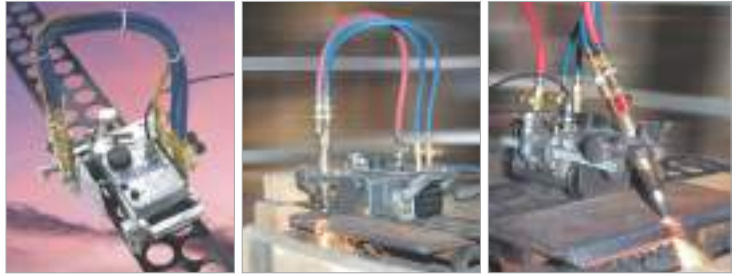
Greatly improves brazing efficiency & productivity and economy in gas consumption.

- Designed in accordance to the most current internationally recognized standards EN ISO, BSP, CGA and NFS.
- Manufactured under the quality management system of EN ISO 9001.
- 100% tested before dispatch.
- Principally designed for general workshop welding, heating and brazing upto 3,5 bar / 51 psi oxygen pressure.
- Simple to fit to any work bench or wall bracket with angle mounting bracket supplied.

Gas Economizer Type	Product Code	Inlet/Outlet Connection Standard	Gas Service	Inlet Connection Oxygen	Inlet Connection Fuel Gas	Outlet Connection Oxygen	Outlet Connection Fuel Gas
IGE / B-A	71606431	BSP	Acetylene	G 3/8" RH (M)	G 3/8" LH (M)	G 3/8" RH (M)	G 3/8" LH (M)
IGE / B-P	71606436	BSP	LPG / BMCG	G 3/8" RH (M)	G 3/8" LH (M)	G 3/8" LH (M)	G 3/8" LH (M)
G/E FOR MINITHERM-A	71607014MOD	BSP	Acetylene	G 3/8" RH (M)	G 3/8" LH (M)	G 3/8" RH (M)	G 3/8" LH (M)
G/E FOR MINITHERM-P	71607015MOD	BSP	LPG / BMCG	G 3/8" RH (M)	G 3/8" LH (M)	G 3/8" RH (M)	G 3/8" LH (M)
G/E FOR MINITHERM-A*	71607025	BSP	Acetylene	G 1/4" RH	G 3/8" LH (M)	G 1/4" LH (M)	G 3/8" LH (M)
G/E FOR MINITHERM-P*	71607026	BSP	LPG / BMCG	G 1/4" RH	G 3/8" LH (M)	G 1/4" LH (M)	G 3/8" LH (M)

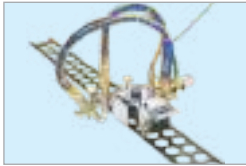
* Minitherm Economizer with **Flame Monitoring** as additional Safety Feature.

- 40% Higher Productivity than Conventional Machine
- 60% Less Post Cutting Grinding Operation upto 300mm Cutting



Portable automatic gas cutting machine PORTACUT - 300mm Thick Cutting

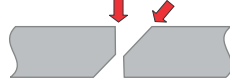
The Low cost alternative for high quality value.



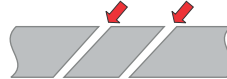
Portacut with 2 torches (optional)

Cutting versatility

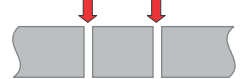
Straight or curve multi-bevel cuts with two torches (optional)



Straight or curve bevel cuts with two torches (optional)

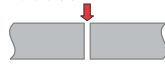


Straight or curve cuts with two torches (optional)



Portacut circle cutting attachment

Straight or curve cuts with one torch



Straight or curve bevel cut with one torch



Portacut with 1 torch (standard) cutting a 300mm slab



The Compact Motor Driven Gas Cutting Machine For Straight, Circle, Bevel, and Multi-bevel Flame Cuts



Functions control by forward/off/reverse switch, clutch lever and speed adjustment knob.

- Power source: AC 230V, 50/60Hz
- Motor: Condenser-induction, AC 230V, 10 W
- Speed control: Single cone system.
- Weight: 9.5 kg
- Cutting thickness: 3-300 mm
- Cutting speed: 50-800 mm/min
- Strip cutting range: 80-300mm
- Circle cutting : 150-2400mm diameter

- Portacut machine with 1 injector cutting torch for fuel gas acetylene: 71651782
- Portacut machine with 1 injector cutting torch for fuel gas propane/natural gas/BMCG: 71651783



- Rail Track with interlocking sections, length 1200mm: 71651790
- Rail Track with interlocking sections, length 1800mm: 71652018



- Injector machine cutting torch MSZ 832/110-A for fuel gas acetylene: 71651787
- Injector machine cutting torch MSZ 832/110-PMYF for fuel gas propane/natural gas/BMCG: 71651788



- Adjusting valve for heating oxygen, G 1/4" RH:..... 71800500
- Adjusting valve for cutting oxygen, G 3/8" RH:..... 71800501
- Adjusting valve for fuel gas G 3/8" LH:..... 71800502
- Flashback arrestor for heating oxygen, G 1/4" RH:..... 0647583
- Flashback arrestor for cutting oxygen, G 3/8" RH:..... 0647584
- Flashback arrestor for fuel gas, G 3/8" LH:..... 0346364



- Extended rack bar:..... 71651791
- Counter weight :..... 71651792
- Circle cutting attachment, diameter 60-2400mm:..... 71651793
- Standard hose package, length 730mm :..... 71651929
- Extended hose package, length 950mm:..... 71651930
- Cross feed torch holder for strip and multi bevel cuts: 71651794

QUICK CUT

Portable Cutting Machine



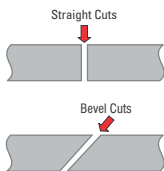
Product Code -
M716QUICKCUT



Product Code -
M716RAILTRACK



Capable to straight & bevel cuts



* Machine can be used for circle cutting using attachment available as optional.

Machine Specifications

Drive	: Single phase motor
Speed Control	: Potentiometer
Input Voltage	: 230V single phase 50Hz
Speed	: 200mm/min to 1000mm/min
Cutting Range	: 3mm to 100mm
Cutting Type	: Nozzle Mixing (NM)
Gas Type	: Oxygen & Acetylene LPG - BMCG & Oxygen
Nozzle	: 3 seat ANME for Acetylene or PNME for LPG - Messer Make
Connections	: 3/8" RH Oxygen and 3/8" LH fuel
To be Used with	: Aluminum Guide Track
Safety Devices	: BAM approved Messer make Flash back arrestors for Oxygen & fuel (Not included in machine box)

Uninterrupted Gas Supply for your Applications

Gas cylinders are used for many applications in factories, workshops, laboratories, hospitals, universities, etc. The gases used have many different physical and chemical properties and they may cause dangerous situations if not handled properly. The best solution is to locate gas cylinder outside the working area and distribute the gas by pipeline to the point of use. Apart from safety, this approach offers quite a few advantages over using single cylinders at the point of use as below -



Safety

- Leaking gas cylinders may create dangerous situations Viz., - fire, explosion, toxic gases: injuries, suffocation etc.,
- Cylinders may drop and damages or cause injuries, as compressed gas cylinders can fly like rockets in case they are damaged at the valve area.

Reliability

- Uninterrupted gas supply by pressure monitoring and/or automatic change-over of the manifold systems.
- Stable working pressure of the gases on a continuous basis.

Gas purity

- The purity of the gas is maintained by using specially designed and cleaned - equipment with integrated purge valves

Cost savings

- Gas cylinders at a central location are easier to handle
- You can have lesser no of gas cylinders working and save on cylinder rentals
- Cylinder control panels ensure more efficient use of the gas cylinders
- Due to better control of the gas purity, all related equipment have a much longer life time.

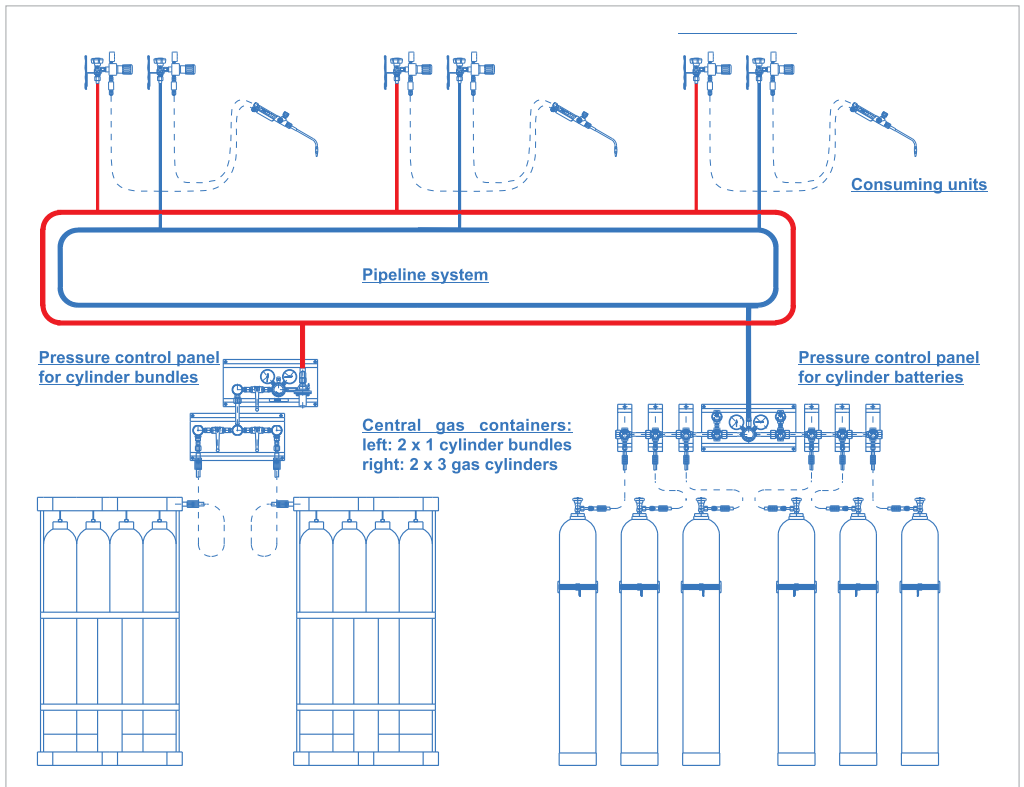
Other advantages

- Manifolding reduces clutter & increases working space in the shop floor
- Less damage to pressure regulators, hoses and other fittings
- Easier control of leak tightness

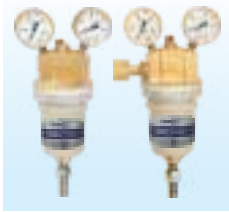
A Central Distribution System for gases must fulfil the following requirements:

- Uninterrupted supply of gas
- Maintain the integrity and purity of the gas up to the point of use
- Safe distribution of the gas

Schematic example for a central gas supply system



Pressure regulator U13



- Diaphragm pressure regulator
- For non-corrosive industrial gases
- Single-stage with high control accuracy
- Central filter in the pressure regulator
- Safety pressure gauge acc. to DINEN562
- Pressure regulator with integrated relief valve
- Pressure regulator for oxygen with filter in inlet fitting
- Accessories like wall brackets and in-/outlet fittings are also available

Technical Data

Type	single-stage
Flow rate Q	max. 500 m ³ / h
Inlet pressure P ₁	max. 40 / 200 / 300 bar
Outlet pressure P ₂	see table below
at P ₁ = 40 bar:	max. 5...30 bar
at P ₁ = 300 bar:	max. 14...35 ¹⁾ bar
	for oxygen up to 30 bar available!

Materials

Body regulator:	brass
Bonnet:	Alu (powder coated)
Diaphragm regulator:	NBR
Valve seat regulator:	PA

Pressure control panels BT2000



- Wall-mounting pressure control panels
- For non-corrosive industrial gases
- Ergonomically designed
- Modular design (to be extended to 2, 3 etc. cylinders)
- Filter at the process gas inlet valve
- Central filter in the regulator
- Regulator with high control accuracy
- Shut-off-valves with On/Off position indicators

Technical Data

Type	single-stage
Inlet pressure P ₁	max. 300 bar
Outlet pressure P ₂	max. 10/20/50/100 bar
for 2L-models:	8-12 bar / 17-23 bar / 46-54 bar / 95-105 bar

Materials

Bodies:	Brass
Diaphragm (P up to 20 bar):	EPDM
Piston (P > 20 bar):	Brass
Valve seat regulator:	PA
Mounting plate:	Stainless steel
Filter process gas valve:	Sintered bronze
Filter regulator:	Sintered SS 316L

ET 65



- Tapping points for wall mounting
- For non-corrosive industrial gases
- For flows up to 50 m³/h
- Single-stage pressure regulator with high accuracy
- Central filter in the pressure regulator
- Safety pressure gauge acc. to DIN EN ISO 5171
- Inlet pressure shut off with ball valve
- For easy installation

Technical Data

Type	single-stage
Inlet pressure P ₁	max. 40 bar
for acetylene:	max. 1.5 bar
Outlet pressure P ₂	
for P = 40 bar:	1.5 / 2.5 / 10 / 20 bar
for P = 1.5 bar (acetylene):	1.5 bar

Materials

Bodies:	Brass
Diaphragm:	EPDM
Valve cone:	PA

Cylinder pressure regulator FE53



- Double-stage stainless steel cylinder pressure regulator with extremely stable outlet pressure and anti-vibration device
- For corrosive, toxic gases and gas mixtures with corrosive components up to quality 6.0
- 6 ports for flexible and individual configuration
- New laboratory-style design
- Central filter
- Suitable for ECD-applications

Technical Data

Type	double-stage
Inlet pressure P_1	max. 300 bar
Outlet pressure P_2	1,5 / 4 / 10 / 20 bar
Materials	
Body regulator, relief valve:	SS 316L (SS 1.4404)
Valve seat:	PVDF
Diaphragm:	Hastelloy C276
Filter:	Sintered SS 316L
Pressure gauge	Safety pressure gauges ISO5171/K11.6/NG50
Weight	1.8 kg

Line pressure regulator LT2000



- Ergonomically designed line pressure regulator
- For non-corrosive technical gases
- Single-stage type with high control accuracy
- Central filter in the regulator
- Safety pressure gauges acc. to DIN EN ISO 5171
- Compact design
- Models for inlet pressure up to 300 bar available

Technical Data

Type	single-stage
Inlet pressure P_1	max. 40/300 bar
Outlet pressure P_2	
for $P_1 \leq 40$ bar:	1.5/4/10 bar
for $P_1 > 40$ bar:	10/25/50/100/200 bar
Materials	
Body, bonnet:	Brass
Diaphragm regulator:	EPDM
Valve seat regulator:	PA

High Pressure Hoses



Technical Data

DESCRIPTION	O ₂ /Ar/Co ₂ /ACM	HYDROGEN	HELIUM	ACETYLENE
Inner Tube	PTFE Extruded Teflon	ETFE Extruded Tube		Thermoplastic Elastomer
Outer Cover	Double Wire Braiding of SS 304			Double Wire Braiding of HT Steel with Polyurethane Cover
Working Pressure	300 Bar			20 Bar
Hydrostatic Test Pressure	450 Bar			150 Bar
Pneumatic Test Pressure	330 Bar			100 Bar
Hydrostatic Min Bursting Pressure	900 Bar			105
Conformance To	EN ISO 14113			EN ISO 14113

Electrode Holders

CE EN-60974-11



- Glass filled polyamide unbreakable handle.
- Fully brass body.
- Multiple angle electrode holding jaw design.
- Long lasting replaceable fibre glass tip.
- Fully insulated metal lever.
- Spring cover for enhanced safety.
- Cable hole connection.

Electrode Holder	Rating	Product Code	Current at DC		Electrode Size
			35%	60%	
Special 400	400 Amp	80821102N	400 Amp	300 Amp	5.0 mm
Special 600	600 Amp	80821103N	600 Amp	350 Amp	6.3 mm



- Strong heat resistant DMC handle.
- Multiple angle electrode holding jaw design.
- Long lasting replaceable fibre glass tip.
- Fully insulated metal lever.
- Spring cover for enhanced safety.
- Easy cable connection without lug.
- Suitable for construction industry.

Electrode Holder	Rating	Product Code	Current at DC		Electrode Size
			35%	60%	
Standard 600	600 Amp	80821101N	500 Amp	400 Amp	6.3 mm



- Fully insulated new generation safe welding electrode holder.
- Electric shock protection, passed with 12mm metal sphere test.
- Strong heat resistance DMC handle.
- Straight 180° and multiple electrode jaw holding.

Electrode Holder	Rating	Product Code	Current at DC		Electrode Size
			35%	60%	
Safe 400	600 Amp	80830617	400 Amp	300 Amp	5.0 mm
Safe 600	600 Amp	80830616	600 Amp	400 Amp	6.3 mm

Earth Clamps

CE EN60974-13



- Corrosion resistant galvanized steel body.
- Heavy duty wire braided copper shunt.
- High tension steel spring.
- Conductive brass / steel jaws.
- Also available with black surface insulation.

Earth Clamp	Product Code	Product Code (Insulated)	Current at DC	
			35%	60%
MCSEC400	80821251	80830587	300 Amp	250 Amp
MCSEC600	80821252	80830588	400 Amp	300 Amp

Cable Connectors

CE EN-60974-12



- Safety from open cable connections.
- High conduction brass body.
- High insulation rubber grip.
- Auto black allen screw.
- Cable connection thru brass ferrule.
- Euro connection.

Cable Connectors	Rating	Product Code	Current at DC		Cable Size
			35%	60%	
MSCC500	500 Amp	80821201	500 Amp	400 Amp	70 mm ²
MSCC600	600 Amp	80821202	600 Amp	500 Amp	95 mm ²

Welding Cables

IS: 9857 / 1990



- Heat and Oil resistant & Fire Retardant
- Working temperature HOFR-90°C
- Heavy duty in current
- Saves 40% operating cost
- Light in weight
- Long life

Working Temperature HOFR - 90°C

COPPER	Nominal Cross Sectional Area of Conductor	Number / Nom. Dia of Wires	Thickness of Insulation (Nominal)	Current Rating (AMP.) At Following Duty Cycle HOFR Compound		
	mm ²	mm	mm	100%	60%	30%
	16	510 / 0.2	2.0	135	174	246
25	796 / 0.2	2.0	177	228	343	
35	1114 / 0.2	2.0	221	285	403	
50	707 / 0.3	2.2	279	360	509	
70	990 / 0.3	2.4	352	454	643	
95	1344 / 0.3	2.6	424	547	774	

ALUMINUM	Nominal Cross Sectional Area of Conductor	Number / Nom. Dia of Wires	Thickness of Insulation (Nominal)	Current Rating (AMP.) At Following Duty Cycle HOFR Compound		
	mm ²	mm	mm	100%	60%	30%
	35	495 / 0.3	2.0	176	227	321
50	707 / 0.3	2.2	222	287	405	
70	990 / 0.3	2.4	280	361	511	
95	1344 / 0.3	2.6	339	438	619	
120	1697 / 0.3	2.8	404	522	738	

Heavy Duty welding gloves

CE EN-388



- Made of premium quality split leather for heavy duty Welding and material handling purpose.
- Special Strength to working parts due to double leather Patch at palm with premium grade stitching.
- Stitching are done with flame resistant Kevlar threads.
- Comfortable to work and sweat absorber lining inside Gloves.
- Hemming at the end of cuff to avoid itching.
- Long life in comparison to other gloves.
- Available in 14 inches & 16 inches

GAS HOSES (Long Life)

Best Quality Hoses for Gas Welding, Brazing, Heating & Cutting.

Complies to ISO 3821, EN 559, AS 1335, RMA



Applications: For use with welding and allied processes in workshops, Shipyards, construction site and manufacturing industries.

Tube: High ignition temperature EPDM

Reinforcement: High tensile synthetic textile filament yarn

Cover: Excellent ozone and weather resistant synthetic rubber

Color: ● Blue (Oxygen) / ● Red (Acetylene) / ● Orange (LPG / BMCG)

Operating Temperature: -25° C to +80° C

Safety Factor: 3 : 1

Surface: Smooth



Product Code New ISO 3821	Description	Gas Type	Color	ID (MM)	OD (MM)	WP (Kg/Cm2)	BP (Kg/Cm2)	Length/ Roll (M)
SINGLE LINE HOSE								
80130856	8X15MM 100M ROLL OXY BLUE HOSE MESSER	OXYGEN	BLUE	8	15	20	60	100
80130858	8X15MM 100M ROLL ACET RED HOSE MESSER	ACETELYNE	RED	8	15	20	60	100
AMCLO80SJ01	8X15MM 100M ROLL LPG ORANGE HOSE MESSER	LPG	ORANGE	8	15	20	60	100
AMCS06USJ01	6.3 X 13 MM 100M ROLL OXY BLU HOSE MESSER	OXYGEN	BLUE	6.3	13	20	60	100
AMCS06RSJ01	6.3 X 13 MM 100M ROLL ACET HOSE MESSER	ACETELYNE	RED	6.3	13	20	60	100
AMCS10USJ03	10 X 17 MM 100M ROLL OXY BLUE HOSE MESSER	OXYGEN	BLUE	10	17	20	60	100
AMCS10RSJ03	10 X 17 MM 100M ROLL ACET RED HOSE MESSER	ACETELYNE	RED	10	17	20	60	100
TWIN HOSE								
AMCT883SJ01	8X15/8X15MM 100M ROLL TWIN HOSE OXY/ACET	OXY/ACET	BLUE/RED	8+8	15+15	20	60	100
UNIVERSAL FUEL GAS HOSE								
80830443	ORANGE/RED UNIVERSAL FUEL GAS HOSE 8X15 MM	FUEL GAS	ORANGE/RED	8	15	20	60	100



Pre-Crimped Hose

Sr. No.	Length	Part Code (Blue)	Part Code (Red)	Part Code (Orange)	Part Code (Twin)
1	10mtr	80132711	80132715	80132713	80132717
2	20mtr	80132724	80132728	80132726	80132733
3	30mtr	80132712	80132716	80132714	80132718
4	50mtr	80132725	80132729	80132727	80132734

**Tough Hoses
For Tough Working Conditions**

The Whole World of Oxyfuel Technology





MESSER 
Cutting Systems

 **WORLD OF
EXCELLENCE**

Imported & Marketed in India by:

Messer Cutting Systems India (P) Ltd.,
No.198/2A2A, 198/2A2B AND 199/2B2, SNMV College Road,
Mallumichampatti, Coimbatore - 641 050, Tamil Nadu, INDIA.
Tel. : + 91 422 7155521
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