



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.

GAS Economizer (Saves Gas - Increases Productivity)



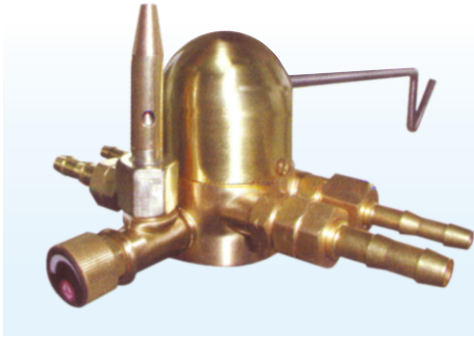
For Saving Oxygen, Fuel Gas, Time and Torch Wear

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 1/4" RH	G 3/8" LH (M)	G 1/4" LH (M)	G 3/8" LH (M)
G/E FOR MINITHERM-P	71607015MOD	BSP	LPG / BMCG	G 1/4" RH	G 3/8" LH (M)	G 1/4" LH (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.



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 Ext. 28
E-mail: sales.all@messer-cs.in www.messer-cs.com

Messer Cutting Systems GmbH
Otto-Hahn-Str. 2-4, 64823 Groß-Umstadt, Germany
T +49 6078 787-155 F +49 6078 78750-389
www.messer-cs.de

Our authorised MESSER distributor:

**SUPERTECH
SERVICES PVT. LTD.**
Complete Welding Solutions

Add : Plot No. A-253, Road No. 30-B, Wagale
Industrial Estate, Near Police Station, Thane (W)
400 604, Maharashtra, India.
Tel. : + 91 9136 0261 88 / + 91 9136 0971 34
/ 35 Email : ssl@supertechservices.in

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