



# MEKATEK

## GAZ ARMATURLERI

*Safe Product  
Quality Service*





## MEKATEK MEKANİK KALIP TEKNİĞİ MAK. SAN.ve TIC.LTD.STİ.

Established in 1997 in order to manufacture glass moulds and accessories for Glass industry. Our firm with significant experience, machine equipment, qualified employee and infrastructure have also started to manufacture in Gas armatures and installation.

Our vision is to become Turkey's Leader Gas Equipment manufacturer in the sector by meeting needs of our customers with safe products in accordance with developing technology.

Our mission is to provide a customer-oriented service by always being one step ahead with the participation of all our employees and without compromising quality and customer satisfaction, and to make manufacturing conforming to TSE and ISO standards in accordance with above-mentioned principle.

### OUR QUALITY POLICY

As Mekatek Teknik Kalip Teknigi Mak. San. Ve Tic. Ltd. Sti, we are working for a continuous development and improvement by meeting our customers' needs at the maximum level in line with our mission and vision. For this reason, we are establishing satisfaction-oriented relationships with our customers and employees in order to expand our business volume and become a sought-after company.

It is of paramount importance for us to gain the trust of all sectors we serve by reaching the total quality in the most economical, fastest and shortest way, and to sustain and to improve this continuously.

### OUR CERTIFICATES



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# OXYGEN PRESSURE REGULATOR



Order No	Gas Inlet Connection	Gas Outlet Connection	Gas Inlet Pressure	Gas Outlet Pressure
TP-B-2001	G 3/4"	G 3/8"	0-230 bar	0-10 bar

## ACCESSORY



Code: E-RG-401  
Safety Valve

## TECHNICAL SPECIFICATIONS

- Inlet pressure 230 bar \*
- Brass body \*
- Chrome plated brass cover \*
- Outlet connection fitting for Ø6- Ø8 mm hose \*
- Sintered and particulate trap sintered stainless filter \*



Order No	Gas Inlet Connection	Gas Outlet Connection	Gas Inlet Pressure	Gas Outlet Pressure
TP-B-2002	W21,80x1/4"Sol	G 3/8" Left	0-40 bar	0-1,5 bar

## TECHNICAL SPECIFICATIONS

- \* Inlet pressure 40 bar
- \* Brass body
- \* Chrome plated brass cover
- \* Outlet connection fitting for Ø6- Ø8 mm hose
- \* Sintered and particulate trap sintered stainless filter

## ACCESSORY



Code: E-RG-402 Safety valve



Order No	Gas Inlet Connection	Gas Outlet Connection	Gas Inlet Pressure	Gas Outlet Pressure
TP-B-2009	W21,80x1/4" Sol	G 3/8" left	0-230 bar	0-10 bar

## ACCESSORY



Code: E-RG-409  
Safety Valve

## TECHNICAL SPECIFICATIONS

- Inlet pressure 230 bar \*
- Brass body \*
- Chrome plated brass cover \*
- Outlet connection fitting for Ø6- Ø8 mm hose\*
- Sintered and particulate trap sintered stainless filter \*



Order No	Gas Inlet Connention	Gas Output Connention	Gas Inlet Pressure	Gas Output Pressure
TP-B-2007	W 23x1/18" right	G 3/8" left	0-25 bar	0-1,5 bar

### TECHNICAL SPECIFICATIONS

- \* Inlet pressure 230 bar
- \* Brass body
- \* Chrome plated brass cover
- \* Outlet connection fitting for Ø6- Ø8 mm hose
- \* Sintered and particulate trap sintered stainless filter

### ACCESSORY



Code: E-RG-407 Safety valve



Order No	Gas Inlet Connection	Gas Output Connection	Gas Inlet Pressure	Gas Output Pressure
TP-B-2006	W21,80x1/4"Sa	G1/4"G3/8" right	0-230 bar	0-10 bar

#### TECHNICAL SPECIFICATIONS

- Inlet pressure 230 bar \*
- Brass body \*
- Chrome plated brass cover \*
- Outlet connection fitting for Ø6- Ø8 mm hose \*
- Sintered and particulate trap sintered stainless filter\*



# NITROGEN PRESSURE REGULATOR



Order No	Gas Inlet Connection	Gas Output Connection	Gas Inlet Pressure	Gas Output Pressure
TP-B-6004	R 5/8" Right	G1/4" G3/8" Right	0-230 bar	0-10 bar

## TECHNICAL SPECIFICATIONS

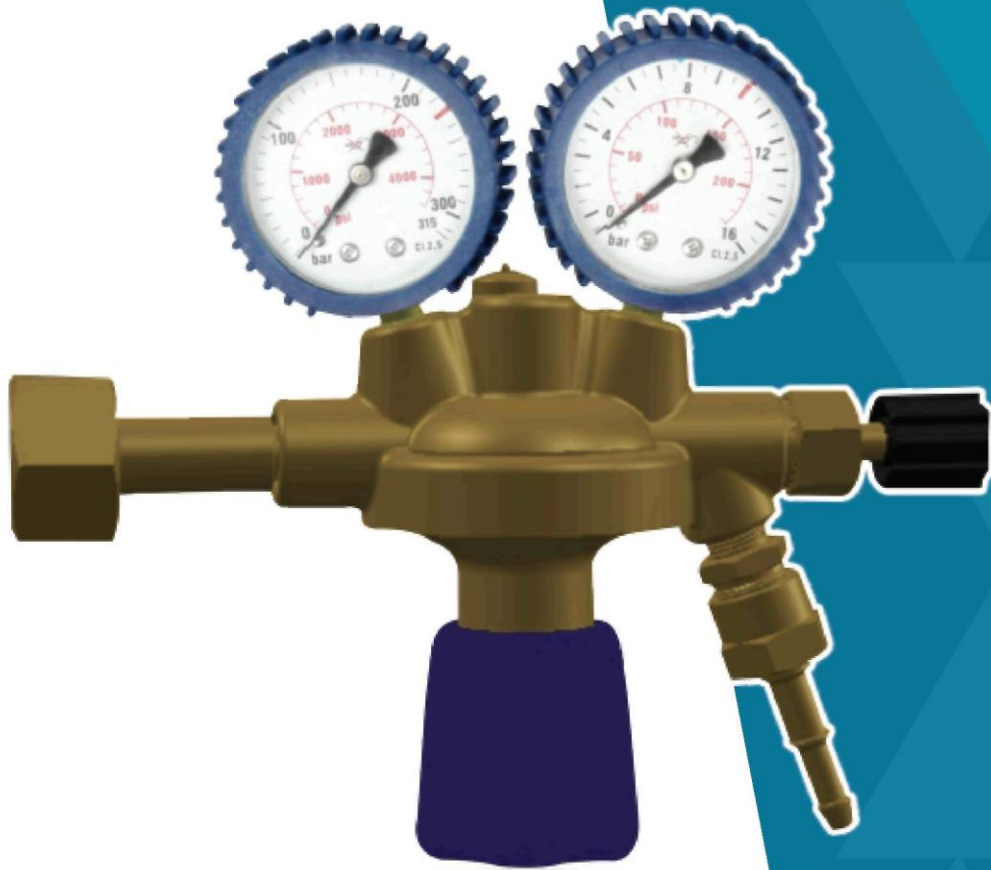
- \* Inlet pressure 230 bar
- \* Brass body
- \* Chrome plated brass cover
- \* Outlet connection fitting for Ø6- Ø8 mm hose
- \* Sintered and particulate trap sintered stainless filter



Order No	Gas Inlet Connection	Gas Outlet Connection	Gas Inlet Pressure	Gas Outlet Pressure
TP-B-2003	G 5/8"	G 1/4"	0-230 bar	32L / min.

#### TECHNICAL SPECIFICATIONS

- Inlet pressure 230 bar \*
- Brass body \*
- Chrome plated brass cover \*
- Outlet connection fitting for Ø6- Ø8 mm hose \*
- Sintered and particulate trap sintered stainless filter\*



Order No	Gas Type	Gas Inlet Connection	Gas Outlet Connection	Gas Inlet Pressure	Gas Outlet Pressure
TP-A-1001	Oxygen	G 3/4"	G 3/8"	0-230 bar	0-10 bar
TP-A-1002	Propane	W21,80xl/14" Left	G 3/8" Left	0-40 bar	0-1,5 bar
TP-A-1003	Argon	G 5/8"	G 1/4"	0-230 bar	32L /min.
TP-A-1004	Nitrogen	R5/8" right	G1/4"G3/8" right	0-230 bar	0-10 bar
TP-A-1006	Helium	W21,80xl/14" right	G1/4"G3/8" right	0-230 bar	0-10 bar
TP-A-1007	Acetylene	W23xl/18" right	G 3/8" Left	0-25 bar	0-1,5 bar
TP-A-1009	Natural Gas	W21,80xl/14" Left	G 3/8" Left	0-230 bar	0-10 bar
TP-A-1010	Hydrogen	W218ox 1/14" Left	G 3/8" Left	0-230 bar	0-10 bar

## TECHNICAL SPECIFICATIONS

- \* Inlet pressure 0-230 bar
- \* Brass body
- \* Brass cover
- \* Sintered and particulate trap sintered stainless filter



Order No	Gas Type	Gas Inlet Connection	Gas Outlet Connection	Gas Inlet Pressure	Gas Outlet Pressure
TP-A-1011	Oxygen	G 3/4"	G 3/8"	0-230 bar	0-10 bar
TP-A-1012	Propane	W21,80x1/4" Left	G 3/8" Left	0-40 bar	0-1,5 bar
TP-A-1013	Argon	G S/8"	G 1/4"	0-230 bar	32L / min
TP-A-1014	Nitrogen	R5/8" right	G1/4"G3/8" right	0-230 bar	0-10 bar
TP-A-1016	Helium	W21,80x1/4" Right	G1/4"G3/8" right	0-230 bar	0-10 bar
TP-A-1017	Acetylene	W23x1/8" right	G 3/8" Left	0-25 bar	0-1,5 bar
TP-A-1019	Natural gas	W21,80x1/4" Left	G 3/8" Left	0-230 bar	0-10 bar
TP-A-1020	Hydrogen	W218ox 1/14" left	G 3/8" Left	0-230 bar	0-10 bar

#### TECHNICAL SPECIFICATIONS

Inlet pressure 0-230 bar \*  
 Brass body \*  
 Brass cover\*

\*Sintered and particulate trap sintered stainless filter\*



Order No	Gas Type 1	Inlet Connections	Outlet
TP-YB-4001	Oxygen	R 3/4 " female left	0-50 bar 0-100 bar 0-150 bar 0-200 bar
TP-YB-4004	Nitrogen	R 5/8 " male right	0-50 bar 0-100 bar 0-150 bar 0-200 bar
TP-YB-4006	Helium	R 5/8 " male right	0-50 bar 0-100 bar 0-150 bar 0-200 bar
TP-YB-4010	Hydrogen	W21.8ox 1/14" female left	0-50 bar 0-100 bar 0-150 bar 0-200 bar

## TECHNICAL SPECIFICATIONS

- \* Test pressure 450 bar
- \* Inlet pressure 230 bar
- \* Sediment and Particle Retention Filter

## TECHNICAL SPECIFICATIONS

Inlet pressure 230 bar \*  
Sintered and particulate trap sintered stainless filter \*  
Double safety system \*



Order No	Gas Type	Inlet and Outlet Connections	Gas Outlet Pressure
TP-CK-5001	Oxygen	R 3/4 " right 8 H	0-10 bar 0-1,5 bar
TP-CK-5002	Propane	W21.08ox 1/14" left 8H	0-10 bar 0-1,5 bar
TP-CK-5003	Argon	G 5/8" 8 H	0-10 bar 0-1,5 bar
TP-CK-5004	Nitrogen	R % " right 8 H	0-10 bar 0-1,5 bar
TP-CK-5005	Carbon Dioxide	W21.08ox 1/14" right 8H	0-10 bar 0-1,5 bar
TP-CK-5006	Helium	R 5/8 " right 8 H	0-10 bar 0-1,5 bar
TP-CK-5008	Mixture	G 5/8" 8 H	0-10 bar 0-1,5 bar
TP-CK-5010	Hydrogen	W21.08ox 1/14" left 8H	0-10 bar

Order No	Gas Type	Inlet & Outlet Connections	Output
HT-P-6001	Oxygen	W21.8ox 1/14" female right	Hose Connection 0-10 bar
HT - P - 6002	Propane	W21.8ox 1/14" female left	Hose Connection 0-1,5 bar
HT - P - 6004	Nitrogene	W21.8ox 1/14" female right	Hose Connection 0-10 bar
HT - P - 6006	Helium	W21.8ox 1/14" female right	Hose Connection 0-10 bar
HT - P - 6007	Acetylene	W21.8ox 1/14" female left	Hose Connection 0-1,5 bar
HT - P - 6009	Natural Gas	W21.8ox 1/14" female left	Hose Connection 0-1,5 bar
HT-P-6010	Hydrogen	W21.8ox 1/14" female left	Hose Connection 0-10 bar



## TECHNICAL SPECIFICATIONS

- \* Outlet connection fitting for 06 - 08 mm hose
- \* Sediment and particle retention filter
- \* Sintered and particulate trap sintered stainless filter

Order No	Gas Type	Inlet & Outlet Connections	Outlet
HT-P-6101	Oxygen	W21.8ox 1/14" female right	Hose Connection 0-10 bar
HT-P-6102	Propane	W21.8ox 1/14" female left	Hose Connection 0-1,5 bar
HT-P-6104	Nitrogene	W21.8ox 1/14" female right	Hose Connection 0-10 bar
HT-P-6106	Helium	W21.8ox 1/14" female right	Hose Connection 0-10 bar
HT-P-6107	Acetylene	W21.8ox 1/14" female left	Hose Connection 0-1,5 bar
HT-P-6109	Natural Gas	W21.8ox 1/14" female left	Hose Connection 0-1,5 bar
HT-P-6110	Hydrogen	W21.8ox 1/14" female left	Hose Connection 0-10 bar



## TECHNICAL SPECIFICATIONS

- \* Outlet connection fitting for 06 - 08 mm hose
- \* Sediment and particle retention filter
- \* Sintered and particulate trap sintered stainless filter



Order No	Gas Type	Operating Pressure	Gas Inlet Connection	Gas Outlet Connection
E-HA-601	Oxygen	20 bar	6-8 mm	6-8 mm
E-HA-602	Propane	5 bar	6-8 mm	6-8 mm
E-HA-607	Acetylene	1,5 bar	6-8 mm	6-8 mm
E-HA-609	Natural Gas	5 bar	6-8 mm	6-8 mm

#### TECHNICAL SPECIFICATIONS

- Test pressure 20 bar \*
- Sintered stainless filter with sediment and flame arrester \*
- Non-return valve to stop gas flow in opposite direction \*
- Brass material \*





Order No	Gas Type	Operating Pressure	Gas Inlet Connection	Gas Outlet Connection
E-KA-201	Oxygen	20 bar	6-8 mm	G 1/4"
E-KA-202	Propane	5 bar	6-8 mm	G 3/8" Left
E-KA-207	Acetylene	1,5 bar	6-8 mm	G 3/8" Left
E-KA-209	Natural Gas	5 bar	6-8 mm	G 3/8" Left

### TECHNICAL SPECIFICATIONS

- \* Test pressure 20 bar
- \* Sintered stainless filter with sediment and flame arrester
- \* Non-return valve to stop gas flow in opposite direction
- \* Brass material



Order No	Gas Type	Operating Pressure	Gas Inlet Connection	Gas Outlet Connection
E-KV-301	Oxygen	0-10 bar	G 1/2" right	G 1/2" right
E-KV-302	Propane	0-10 bar	G 1/2" right	G 1/2" right
E-KV307	Acetylene	0-1,5 bar	G 1/2" right	G 1/2" right
E-KV-309	Natural Gas	0-10 bar	G 1/2" right	G 1/2" right

#### TECHNICAL SPECIFICATIONS

- Test pressure 20 bar \*
- Sintered stainless filter with sediment and flame arrester \*
- Non-return valve to stop gas flow in opposite direction \*
- Brass material \*



Order No	Gas Type	Operating Pressure	Gas Inlet Connection	Gas Outlet Connection
SKT-101	Oxygen	0-20 bar		06-8
SKT-103	Propane	0-20 bar		06-8
SKT-105	Carbondioxide	0-20 bar	Variable	06-8
SKT-109	Natural Gas	0-20 bar		06-8

### TECHNICAL SPECIFICATIONS

- \* Test pressure 30 bar
- \* Colored connection for each gas
- \* 06-08mm hose connection



Order No	Gas Type	Operating Pressure	Gas Inlet Connection	Gas Outlet Connection
E-RG-401	Oxygen	0-10 bar	G 3/8" Right	G 3/8" Right
E-RG-402	Propane	5 bar	G 3/8" Left	G 3/8" Left
E-RG-407	Acetylene	1,5 bar	G 3/8" Left	G 3/8" Left
E-RG-409	Natural Gas	5 bar	G 3/8" Left	G 3/8" Left

#### TECHNICAL SPECIFICATIONS

- \* Test pressure 20 bar
- \* Sintered stainless filter with sediment and flame arrester
- \* Non-return valve to stop gas flow in opposite direction
- \* Brass material



Order No	Gas Inlet Connection	Gas Outlet Connection	Max. Inlet Pressure	Test Pressure	Interior Material
6010-TT-AB	R <sup>1</sup> / <sub>2</sub> "	G R <sup>1</sup> / <sub>2</sub> "	0-10bar	75	Sintered Brass Filter
6020-TT-AB	R <sup>1</sup> / <sub>2</sub> "	G R <sup>1</sup> / <sub>2</sub> "	0-20 bar	75	Sintered Brass Filter
6030-TT-AB	R <sup>1</sup> / <sub>2</sub> "	G R <sup>1</sup> / <sub>2</sub> "	0-30 bar	75	Sintered Brass Filter
6040-TT-AB	R <sup>1</sup> / <sub>2</sub> "	G R <sup>1</sup> / <sub>2</sub> "	0-40 bar	75	Sintered Brass Filter
6050-TT-AB	R <sup>1</sup> / <sub>2</sub> "	G R <sup>1</sup> / <sub>2</sub> "	0-50 bar	75	Sintered Brass Filter

## TECHNICAL SPECIFICATIONS

- \* Working pressure 0-50 bar
- \* Brass material
- \* Sintered and particle retention sintered filter
- \* Laser Printing Label



Order No	Gas Type	Inlet and Outlet Connection	Operating Pressure
E-HT-501	Oxygen	R 3/4 " right male	0-30 bar
E-HT-502	Propane	G21.8oxl/14" left female	0-30 bar
E-HT-507	Acetylene	G21.8oxl/14" left female	0-1,5 bar
E-HT-509	Natural Gas	G21.8oxl/14" left female	0-30 bar
E-HT-5010	Hydrogen	G21.8oxl/14" left female	0-30 bar

#### TECHNICAL SPECIFICATIONS

- Sintered stainless filter with sediment and flame arrester \*
- Non-return valve to stop gas flow in opposite direction \*
- Brass material \*
- Laser printing label \*



Order No	Gas Type 1	Max. Pressure Bar	Thread Dimensions	Interior Material
E-HT-5100	Oxygen	0-30 bar	G <sup>3</sup> / <sub>4</sub> "RI" G1 1/2	316L
E-HT-5102	Hydrogen	0-16 bar		
E-HT-5103	Acetylene	0-2,5 bar		
E-HT-5104	Natural Gas	0-10 bar		

### TECHNICAL SPECIFICATIONS

Flame arresters are products manufactured for safety purposes keeping the flame at one point, and line to prevent the security equipment.



Order No	Explanation	Cutting Range mm
8180	interior nozzle oxygen & propane	3-20
8181	interior nozzle oxygen & propane	20-50
8182	interior nozzle oxygen & propane	50-100
8183	interior nozzle oxygen & propane	100-200
8184	interior nozzle oxygen & propane	200-300
8185	copper case oxygen & propane	3-100
8186	G copper case oxygen & propane	100-300

#### TECHNICAL SPECIFICATIONS

Injector mix cutting torches for combustible gas are produced separately and presented to our customers.



\* Suitable for oxygen, propane, natural gas and acetylene gases, user-friendly with its lightweight structure

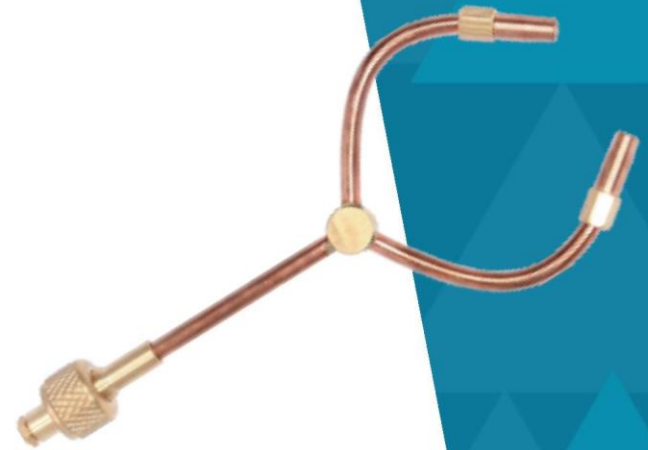
Order No	Handle
1000	Acetylene
	Propane
	Natural Gas

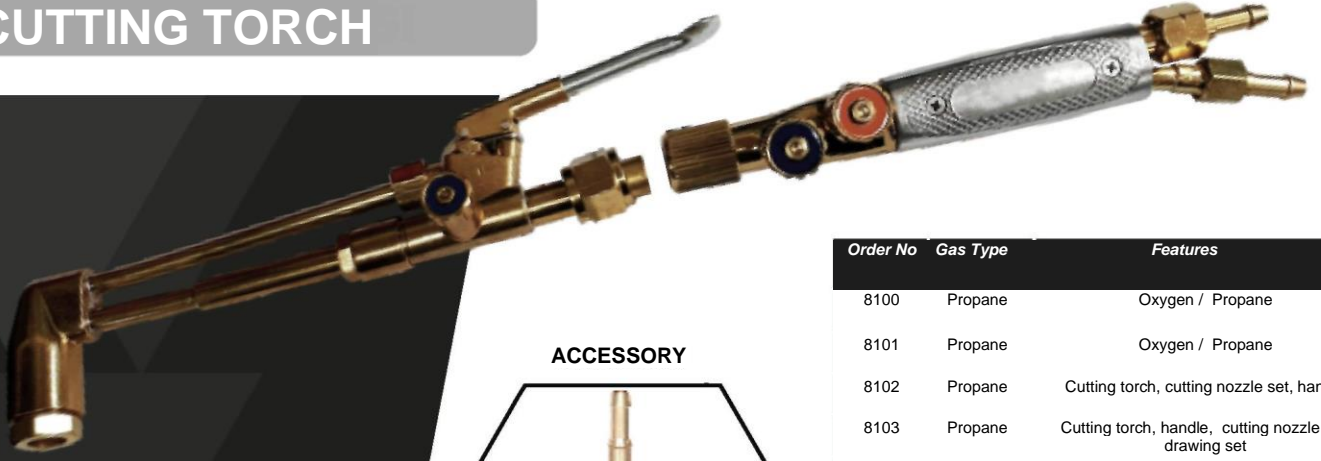


Order No	Burner	Propane Single Lens
1010	(0 Burner)	Welding Lens 0 Number
1011	(1 Burner)	Welding Lens 1 Number
1012	(2 Burner)	Welding Lens 2 Number
1013	(3 Burner)	Welding Lens 3 Number
1014	(4 Burner)	Welding Lens 4 Number
1015	(5 Burner)	Welding Lens 5 Number



Order No	Burner	Propane Double Lens
1020	(0 Burner)	Welding Lens 0 Number
1021	(1 Burner)	Welding Lens 1 Number
1022	(2 Burner)	Welding Lens 2 Number
1023	(3 Burner)	Welding Lens 3 Number
1024	(4 Burner)	Welding Lens 4 Number
1025	(5 Burner)	Welding Lens 5 Number





## ACCESSORY



Code: E-KA-201  
Safety Valve between  
Hose

Order No	Gas Type	Features
8100	Propane	Oxygen / Propane
8101	Propane	Oxygen / Propane
8102	Propane	Cutting torch, cutting nozzle set, handle
8103	Propane	Cutting torch, handle, cutting nozzle set, drawing set
8104	Propane	Compasses and point
8105	Propane	Nozzle cleaning needle

Order No	Gas Type	Features
8200	Acetylene	Oxygen / Acetylene
8201	Acetylene	Oxygen / Acetylene
8202	Acetylene	Cutting torch, cutting nozzle set, handle
8203	Acetylene	Cutting torch, handle, cutting nozzle set, drawing set
8204	Acetylene	Compasses and point
8205	Acetylene	Nozzle cleaning needle

## OXYGEN - PROPANE CUTTING NOZZLES



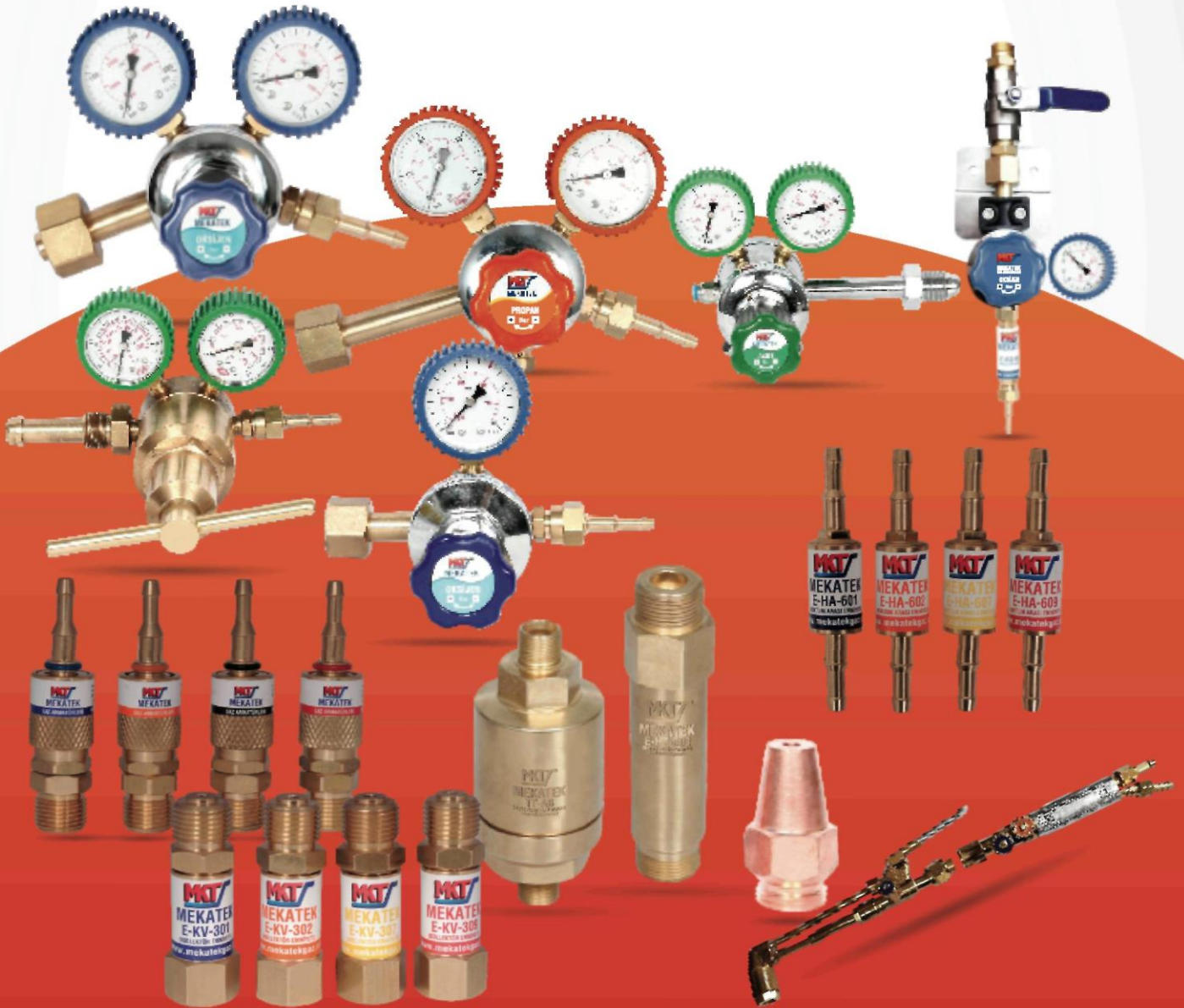
Order No	Cutting Thickness	Cutting Range	Oxygen Gaz Pressure	Propane Gas Pressure
8110P	3-20 mm	2 mm	2,5-4 bar	0,3 bar
8120P	20-50 mm	3 mm	4-5 bar	0,3 bar
8130P	50-100 mm	4 mm	5-6 bar	0,3 bar
8140P	3-100 mm		Copper case	



## COPPER WHIP

Diameter	8 mm
Inner Hole Diameter	4 mm
Wall Thickness	2 mm
Length	1 mt


# Safe Product Quality Service







**MKT**  
**MEKATEK**  
**GAZ ARMATÜRLERİ**

**MEKATEK MEKANİK KALIP TEKNİĞİ  
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