

SAFETY EQUIPMENT

Safety devices

LG/GRM

LG/GRM D / LG/GRM D R1.0

SIMAX 5 / SIMAX 8

SIMAX LG VII

SIMAX 4NH

DEMAX 5

Non-return devices

LG/GRM

LG/GRM/S

GRV2-20

SAFETY DEVICES

SAFETY EQUIPMENT

All AMT Gega burners are provided with safety elements to ensure safe, frictionless operation. When dealing with explosive gas and oxygen mixtures, safety devices must be used to avoid flashbacks. They exhibit exceptional, “Made in Germany” build quality and fulfil the required DIN EN 746-2 standards.

These safety devices are specially optimised for autogenous use, offering maximum protection for machine components.

LG/GRM

SAFETY DEVICES



	GRM	GRM	GRM	GRM	GRM	GRM
ITEM NO.	107805	106548	106986	107360	106857	107800
MAX. PRESSURE (bar)	25	25	25	25	25	25
MEDIUM	Oxygen	Oxygen	Oxygen	Oxygen	Oxygen	Oxygen
CONNECTION						
Inlet 1	G 1/4" M	G 3/8" M	G 1/2" M	UNF 7/8" CGA M	UNF 1 1/16" JIC M	W 24-14 M
Outlet 1	G 1/4" F	G 3/8" F	G 1/2" F	UNF 7/8" CGA F	UNF 1 1/16" JIC F	W 24-14 F
DIMENSIONS (mm)						
Height	118	119	125	134	142	135
Width	32	32	32	32	32	32
Length	32	32	32	32	32	32
APPLICABLE TORCHES						
SBK 500 F	+					
SB 500 F		+			+	+
SB 800 F			+			
HOBS 1S		+				

LG/GRM D

SAFETY DEVICES



	GRM D	GRM D	GRM D	GRM D	GRM D	GRM D	GRM D
ITEM NO.	107807	107798	107803	107809	111773	107808	107799
MAX. PRESSURE (bar)	5	5	5	5	5	5	5
MEDIUM	CPM	CPM	CPM	CPM	CPM	CPM	CPM
CONNECTION							
Inlet 1	G 3/8" LH M	G 3/4" LH M	G 1/2" LH M	UNF 7/8" JIC M	UNF 1 1/16" JIC M	UNF 7/8" LH CGA M	W 28-18 LH M
Outlet 1	G 3/8" LH F	G 3/4" LH F	G 1/2" LH F	UNF 7/8" JIC F	UNF 1 1/16" JIC F	UNF 7/8" LH CGA F	W28-18 LH F
DIMENSIONS (mm)							
Height	165	177	171	186	185	181	135
Width	32	32	32	32	32	32	32
Length	32	32	32	32	32	32	32
APPLICABLE TORCHES							
SBK 500 F	+						
SB 500 F			+	+			+
HOBS 1S			+				

LG/GRM D R1.0

SAFETY DEVICES



	GRM D R1.0	GRM D R1.0	GRM D R1.0
ITEM NO.	110393	107966	112025
MAX. PRESSURE (bar)	10	10	10
MEDIUM	CPM	CPM	CPM
CONNECTION			
Inlet 1	G 3/8" LH M	G 1/2" LH M	UNF 9/16" LH CGA M
Outlet 1	G 3/8" LH F	G 1/2" LH F	UNF 9/16" LH CGA F
DIMENSIONS (mm)			
Height	165	171	162
Width	32	32	32
Length	32	32	32
APPLICABLE TORCHES			
SBK 500 F	+		
SB 500 F		+	
HOBS 1S		+	

SIMAX 5 / SIMAX 8

SAFETY DEVICES



	SIMAX 5	SIMAX 5	SIMAX 5	SIMAX 8	SIMAX 8
ITEM NO.	106622	106847	110785	106655	106654
MAX. PRESSURE (bar)	5	15	5	15	5
MEDIUM	CPM	Oxygen	Coke oven gas	Oxygen	CPM
CONNECTION					
Inlet 1	G 1" F	G 1" F	G 1" F	G 1" F	G 1" F
Outlet 1	G 1" F	G 1" F	G 1" F	G 1" F	G 1" F
DIMENSIONS (mm)					
Height	160	160	163	172	172
Width	89	89	89	117	117
Length	89	89	89	117	117

SIMAX LG VII

SAFETY DEVICES



	SIMAX LG	SIMAX LG	SIMAX LG	SIMAX LG
ITEM NO.	113137	113136	106623	106629
MAX. PRESSURE (bar)	25	2.5	25	2.5
MEDIUM	Oxygen	CPM	Oxygen	Oxygen
CONNECTION				
Inlet 1	G 3/4" M	G 1" LH M	G 1 1/4" F	G 1 1/4" F
Outlet 1	G 3/4" M	G 1" LH M	G 1 1/4" F	G 1 1/4" F
DIMENSIONS (mm)				
Height	175	175	146	146
Width	75	75	75	75
Length	75	75	75	75
APPLICABLE TORCHES				
SB 800 F				+
SB 1200	+	+		



DEMAX 5

SAFETY DEVICES



	DEMAX 5	DEMAX 5	DEMAX 5	DEMAX 5	DEMAX 5	DEMAX 5
ITEM NO.	106626	106627	107788	107789	113351	113352
MAX. PRESSURE	5	25	25	5	25	5
MEDIUM	CPM	Oxygen	Oxygen	CPM	Oxygen	CPM
CONNECTION						
Inlet 1	G 3/8" LH F	G 1/2" F	G 1" F	G 1" F	G 3/4" M	G 3/4" M
Outlet 1	G 3/8" LH M	G 1/2" M	G 1" F	G 1" F	G 3/4" F	G 3/4" F
DIMENSIONS (mm)						
Height	142	150	111	111	n/a	n/a
Width	60	60	65	65	n/a	n/a
Length	60	60	65	65	n/a	n/a
APPLICABLE ITEM						
Gas control unit	+	+	+	+	+	+

NON-RETURN DEVICES **SAFETY EQUIPMENT**

For large oxygen mass flows, AMT Gega offers simple non-return valves. These contain a standard flap controller to reduce losses. Therefore, machine pressures similar to the inlet pressures can be realised.

LG/GRM/S

NON-RETURN DEVICES



	GRM/S	GRM/S	GRM/S	GRM/S	GRM/S	GRM/S	GRM/S
ITEM NO.	106552	106549	113159	108398	108246	106846	107496
MAX. PRESSURE	25	25	25	25	25	25	25
MEDIUM	Oxygen	Oxygen	Oxygen	Oxygen	Oxygen	Oxygen	Oxygen
CONNECTION							
Inlet 1	G 3/8" M	G 1/2" M	G 3/4" M	W 28-18 JIS M	UNF 7/8" CGA M	UNF 1 1/16" JIC M	UNF 1 1/4" CGA M
Outlet 1	G 3/8" F	G 1/2" F	G 3/4" F	W 28-18 JIS F	UNF 7/8" CGA F	UNF 1 1/16" JIC F	UNF 1 1/4" CGA F
DIMENSIONS (mm)							
Height	119	125	n/a	135	134	142	139
Width	32	32	32	32	32	32	32
Length	32	32	32	32	32	32	32
APPLICABLE TORCHES							
SBK 500 F	+						
SB 500 F		+		+	+	+	
SB 800 F			+				
HOBS 1S		+					

GRV2-20

NON-RETURN DEVICES



	GRV2-20	GRV2-20	GRV2-20	GRV2-20	GRV2-20	GRV2-20	GRV2-25
ITEM NO.	107581	107580	109166	109168	109167	109169	111132
MAX. PRESSURE	10	10	10	10	10	10	10
MEDIUM	Oxygen	CPM	Oxygen	CPM	Oxygen	CPM	CPM
CONNECTION							
Inlet 1	G 3/4"	G 3/4"	G 1"	G 1"	G 1 1/4"	G 1 1/4"	G 1"
Outlet 1	G 3/4"	G 3/4"	G 1"	G 1"	G 1 1/4"	G 1 1/4"	G 1"
DIMENSIONS (mm)							
Height	126	126	126	126	126	126	127
Width	65	65	65	65	65	65	65
Length	65	65	65	65	65	65	65

