

GL RANGE REGULATORS

The AMT Gega GL range is a high-end regulator range and offers many advantages, which no other product in the market place can provide.

The unit combines a spring loaded pressure regulator with a manual shut off valve, filter, pilot needle valve, and solenoid control valve, all in one compact item. This makes connecting many separate components with pipe fittings redundant, thus reducing the overall cost of the installation and removing the potential for hazardous leaks. Get in touch to explore many equipment variants or to discuss your individual needs for customization.

Amongst other application, this diaphragm regulating unit is used in AMT Gega torch cutting machines, ensuring the torch pressure remains correct and stable, or, when combined with PLC control, automating the switching of the flame between its various modes.



MAIN CHARACTERISTICS

Regulate	manual
Max. pressure	40 bar
Pressure range	0.5 – 25 bar

GL RANGE	GL 1S					GL 2S					GL 3S		GL 4S				
	GL 1S GL 1S / M GL 1S / MS GL 1S / MCG GL 1S / MSG					GL 2S GL 2S / M GL 2S / MS GL 2S / MCG GL 2S / MSG					GL 3S GL 3S / M		GL 4S GL 4S / M GL 4S / MS GL 4S / MCG GL 4S / MSG				
CONNECTION																	
Inlet 1	G 3/4" LH M					G 3/4" M					G 3/4" M		G 3/4" F				
Outlet 1	G 3/4" LH M					G 3/4" M					G 3/4" M		G 3/4" F				
Outlet 2	-					-					-		-				
BYPASS																	
Main-solenoid valve	-	1	1	1	1	-	1	1	1	1	-	1	-	1	1	1	1
Bypass-solenoid valve with manometer-connection	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1
Bypass-solenoid valve without manometer-connection	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	-	-
Bypass-regulator valve with manometer-connection	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	-
REGULATE																	
	Manual					Manual					Manual		Manual				
MEDIUM																	
	CPM					Oxygen					Oxygen		Acetylene				
MATERIAL																	
	Main body: Brass / Wetted parts: Brass & stainless steel / Diaphragms & seals: Nitrile																
SERVICE KIT (ITEM NO.)																	
	1x102511, 1x107185	1x102542	1x102542, 1x107185	1x102542, 1x107185, 1x102538	1x102542, 1x107185, 1x102538	1x102543	1x102542, 1x107185	1x102542, 1x107185, 1x102538	1x102542, 1x107185, 1x102538	1x102542, 1x107185, 1x102538	1x102544	1x102542, 1x107185	1x102545	1x102542, 1x107185	1x102542, 1x107185, 1x102538	1x102542, 1x107185, 1x102538	1x102542, 1x107185, 1x102538
SEALING KIT (ITEM NO.)																	
	1x102511, 1x107185	1x102511, 1x107185	1x102511, 1x107185, 1x102538	1x102511, 1x107185, 1x102538	1x102511, 1x107185, 1x102538	1x102511	1x102511, 1x107185	1x102511, 1x107185, 1x102538	1x102511, 1x107185, 1x102538	1x102511, 1x107185, 1x102538	1x102511	1x102511, 1x107185	1x102511	1x102511, 1x107185	1x102511, 1x107185, 1x102538	1x102511, 1x107185, 1x102538	1x102511, 1x107185, 1x102538

GL RANGE	GL 1D	GL 2D	GL 3D	GL 4D
	GL 1D / MCG GL 1D / MSG	GL 2D / MCG GL 2D / MSG	GL 3D / M	GL 4D / MCG GL 4D / MSG
CONNECTION				
Inlet 1	G 3/4" LH M	G 3/4" M	G 3/4" M	G 3/4" F
Outlet 1	G 1/2" LH M	G 3/8" M	G 1/2" M	G 1/2" F
Outlet 2	G 1/2" LH M	G 3/8" M	G 1/2" M	G 1/2" F
BYPASS				
Main-solenoid valve	2 2	2 2	1	2 2
Bypass-solenoid valve with manometer-connection	- 2	- 2	-	- 2
Bypass-solenoid valve without manometer-connection	- -	- -	-	- -
Bypass-regulator valve with manometer-connection	2 -	2 -	-	2 -
REGULATE				
	Manual	Manual	Manual	Manual
MEDIUM				
	CPM	Oxygen	Oxygen	Acetylene
MATERIAL				
Main body: Brass / Wetted parts: Brass & stainless steel / Diaphragms & seals: Nitrile				
SERVICE KIT				
	1x102542, 1x102543, 2x102538 1x102542, 1x102543, 2x102538	1x102542, 1x102543, 2x102538 1x102542, 1x102543, 2x102538	2x102544	1x102542, 1x102543, 2x102538 1x102542, 1x102543, 2x102538
SEALING KIT				
	1x111099, 2x102538 1x111099, 2x102538	1x111099, 2x102538 1x111099, 2x102538	2x102513	1x111099, 2x102538 1x111099, 2x102538