

# OUTLET POINT 503 for cutting machines



Outlet point with integrated gas filters for cutting machines with fuel gas, heating gas and cutting oxygen.

### Benefits

- inlet with fittings
- reliable filtering performance increases service life of downstream fittings and equipment by gas filter 622 (40 µm)
- ball valve in inlet signals clearly position OPEN / CLOSED respectively gas flow / gas stop
- with safety device 85-10, against reverse gas flow and flashbacks according to DIN EN ISO 5175-1
- quick and easy wall mounting
- compact design on nickel plated square tube
- completely mounted and tested



### Operation / Usage

Outlet points at the end of gas supply, verified with local required consumption rate.  
Applicable for cutting machines.  
Outlet points will be supplied in standard program or special design.

### Assembly

Nickel plated square tube. For withdrawal of:

#### 1x Acetylene

inlet: soldering end 21.3 mm,  
ball valve DN 10,  
gas filter 622,  
pressure regulator for outlet point,  
safety device 85-10,  
outlet: G 3/4 LH male with cone

#### 1x Heating Oxygen

inlet: pipe coupler for copper- or stainless steel tube 15x1,  
ball valve DN 10,  
gas filter 622,  
pressure regulator for outlet point,  
safety device 85-10,  
outlet: G3/4 RH male

#### 1x Cutting Oxygen

inlet: pipe coupler for copper- or stainless steel tube 15x1,  
ball valve DN 10,  
gas filter 622,  
pressure regulator for outlet point,  
safety device 85-10,  
outlet 3/4 RH male with cone

completely mounted and tested  
Other connections available on request

### Approvals

Company certified according to ISO 9001

Designed for Oxygen Service in accordance with EIGA 13/20 and CGA G-4.4: Oxygen Pipeline and Piping Systems

Cleaned for Oxygen Service in accordance with EIGA 33/18 and CGA G-4.1: Cleaning of Equipment for Oxygen Service

Technical Data				
Gases		Acetylene (A)	Heating Oxygen (O)	Cutting Oxygen (O)
Order-No.		280030091		
$p_v$ max.	[bar]	1.5	16	16
$p_H$ max. (static)	[bar]	0 – 1.5	0 – 10	0 – 20
Q max. (at $p_H=1,5$ bar)	[m³/h]	4.5	–	–
Q max. (at $p_H=10$ bar)	[m³/h]	–	46	60
Q max. (at $p_H=20$ bar)	[m³/h]	–	–	75
<b>Connections</b>				
Inlet		soldering nipple 21.3 mm	pipe coupler 15x1 mm	
Outlet	Male with cone	G 3/4 LH	G 3/4 RH	
<b>Dimensions</b>				
Height	[mm]	530		
Width	[mm]	780		
Depth	[mm]	115		
<b>Weight</b>	[kg]	15		