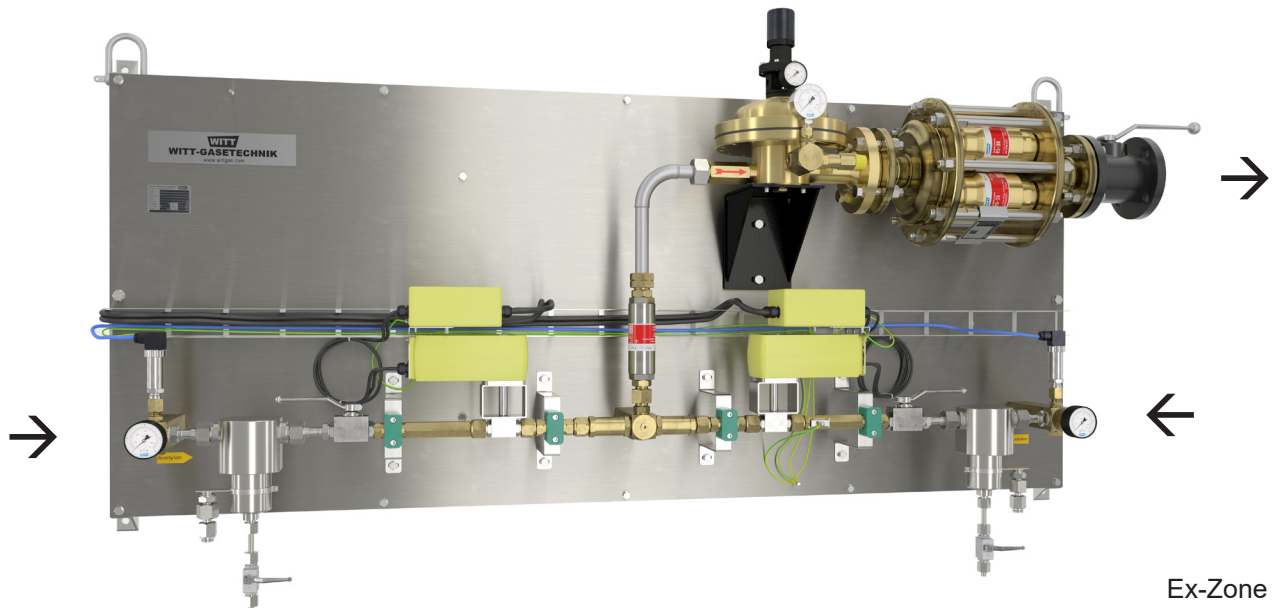


# PRESSURE REGULATING STATION 150NA for acetylene up to 5 297 SCFH (full automatic change-over)



Picture with special equipment



WITT-SWITCH-TRONIC



Ex-Zone

Ex-free-Zone

**WITT Pressure regulating station with full automatic change-over for central gas supplies.  
Every pressure regulating station 100% tested.**

## Benefits

- powerful manifold pressure regulating station 150NA to regulate high flows up to 5 297 SCFH
- extremely stable outlet pressure, independent of inlet pressure and flow rate
- fully automatic change-over between 2 gas sources (bundles or trailers)
- electronic WITT-SWITCH-TRONIC with graphical filling level indicator
- intelligent software and extremely low pressure drop ( $\Delta p$ ) provide optimal draining of the manifold or bundles
- electronic pressure transmitter for filling level control
- warning if bundle/trailer is empty
- connections for external devices
- motor controlled ball valves (230 V) for smooth changeover without pressure peaks
- emergency shutdown
- manual emergency mode possible
- includes WITT safety elements: decomposition arrestor HDS17, safety group 645 with four WITT flashback arrestor (Model 85-30), non-return valves
- robust design
- according to DIN EN ISO 14114, TRAC, PED, Atex Zone 1

Other connections available upon request

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# PRESSURE REGULATING STATION 150NA for acetylene up to 5 297 SCFH (full automatic change-over)



## Assembly

2x1 pressure regulating station 150NA full automatically changeable consisting of:

- 2x electronic pressure transmitter + inlet gauges
- 2x 2/2-way-high pressure ball valve
- 2x motor controlled ball valves 230 V
- 1x automatic quick acting shut-off device HDS17 according to EN ISO 15615
- 2x HD-non-return valve
- 1x pressure regulator ADR 150 with blow off valve
- 1x safety group 645 with safety device 85-30 (with 4x parallel)
- 1x ball valve in outlet

- complete mounted and tested on stainless steel plate
- for connection with WITT-SWITCH-TRONIC

## Options

- flexible hose standards (**BAM** certified) for connection of pressure regulating station with gas supply, adaptor suitable for bundle connection
- contact pressure gauge
- pressure regulator ADR 150F with blow off valve
- acetylene filter
- manifold for connection of cylinder bundles with pressure regulating station

## Approvals

Company certified according to ISO 9001

Technical Data		
<b>Type with safety group 645</b>		<b>4- fold</b>
Order-No.		upon request
$p_v$ max.	[PSI]	363
$p_H$ max. (static)	[PSI]	0 - 22
Q max. at $p_H = 0.92$ bar (behind safety group 645 with 85-30)	[SCFH]	approx. 5 297
<b>Connections</b>		
Inlet	RH F	G 1/2
Outlet	flange or thread	
<b>Dimensions</b>		
Height	[inch]	approx. 35.43
Width	[inch]	approx. 74.41
Depth	[inch]	approx. 14.96
<b>Weight</b>	[oz]	approx. 7 831

Pressure regulator flow capacity data for various versions available upon request.

Other connections available upon request