



Control Cabinets for the monitoring of operating media in high temperature applications

FUNCTIONALITY

PIEPER manufactures a series of control and monitoring cabinets for the safe operation of retraction devices, furnace probes and cooled camera protection housings in high temperature areas.

The control cabinets differ in design and construction by the extent of the necessary control and regulation equipment. Water-cooled cameras and fixed furnace probe installations need less features than systems with i.e. automatic retraction devices.

VERSIONS

Water control cabinets

- For water-cooled protective housings

Air/water control cabinets

- For controlling the coolant for water-cooled camera protective housings with a front retainer for air, used in areas up to 850 °C
- For controlling the coolant for permanently installed furnace probes in areas up to 2,400 °C

Air/water/pneumatic control cabinets

- For furnace probes with an automatic retraction device and a fully automatic water temperature control circuit system including a microprocessor controlled status computer



CONTROL CABINETS - TECHNICAL DATA*

FOR THE USE OF	SS-05-W-VA-02	SS-10-LW-VA-02	SS-15-LW-VA-02	SS-90-LWP-VA-02	SS-90-LWP-VA-SPS	MOUNTING PLATE SSP-L-100.01V
Protective housings (WUW series)	x	x		x		x
Furnace probes (FRS series)	x	x	x	x	x	x
Retraction device (ASZ series)				x	x	x
CONTROL AND MONITORING FUNCTIONS						
Water cycle	x	x	x	x	x	x
Air circuit		x	x	x	x	x
Pneumatics				x	x	x
SHEET STEEL WALL CABINET, PROTECTION CLASS IP55, COLOUR: RAL 7032						
Piping V4A	1/2"	1/2"	3/4"	1/2"	3/4"	3/4"
Lockable	x	x	x	x	x	
Media control display				x	x	
DIMENSIONS (MM)						
Width	600	800	1.000	1.150	1.150	800
Height	600	800	800	1.000	1.000	600
Depth	210	200	200	200	210	200
AIR CIRCUIT INNER PROBE						
Air circuit installation nozzle, air circuit closed furnace flap	x	x	x	x	x	x
CONTROL PNEUMATICS FOR RETRACTION DEVICE ASZ SERIES						
Valves: 5/2-way, 2/2-way				x	x	x
Silencer				x	x	x
Maintenance unit				x	x	
Electronic air pressure monitoring		x	x	x	x	x
5l reserve air pressure tank				x	x	x
WATER CYCLE						
Pressure reducer with pressure gauge	x	x	x	x	x	x
Flow control: rotation sensor	x	x	x	x	x	
Temperature measuring instruments for water inlet / outlet				x	x	
SPECIAL FEATURES						
Electronic central control & monitoring of air, water and pneumatic pressure via SPS					x	
Remote control possible, with switch for probe ON/OFF				x	x	
Push button with illuminated display for: probe ON/OFF, remote control, lamp test				x	x	
B-853 Series Camera multi-function junction box (optional; not included as standard)				x	x	

*Further customizable versions are possible on request

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