

# Split Furnaces

## ASP Series



**ASP11/100/500**

ASP series tube furnaces are split furnaces with the multi-zone optionality that could be used when laboratory experimentation is performed horizontally, or vertically.

Availability of opening up the furnaces enables operator to be able to use different tubes or reactors, or any other inline heating material with the furnace.

Configuration of the zone temperatures, and the stable temperature environments make these furnaces suitable for many possible processes.

With an easy to replace working tube as well as additional standard equipment options, these furnaces use can be operated with multiple zones of different lengths.

### System Features

- ✓ Standard working tube of C610
- ✓ Separate or integrated control system
- ✓ Master and slave controller availability
- ✓ Customized controller option
- ✓ High-quality fiber material
- ✓ High level temperature uniformity
- ✓ Multi zone design
- ✓ Standard long working tube protruding from sides suitable for operation with flanges
- ✓ Electrical protection
- ✓ System operation with silicone controlled rectifiers
- ✓ High quality heating elements ensuring a long service life
- ✓ Galvanized coating covered epoxy paint structure
- ✓ Intuitive controller user interface

Model	Maximum Temperature (°C)	Continuous Operating Temperature (°C)	Maximum Bore Diameter (mm)	Heated Length (mm)	Stable Zone Length (mm)	External Dimensions HxWxD (mm)	Power (kW)	Phase	Supply Voltage (V)
ASP 11/70/250	1100	1050	70	250	80	510x400x500	1.6	1	220
ASP 11/70/500	1100	1050	70	500	160	510x650x500	2.4	1	220
ASP 11/100/250	1100	1050	100	250	80	510x400x500	2.4	1	220
ASP 11/100/500	1100	1050	100	500	160	510x650x500	3.0	1	220
ASP 11/150/250	1100	1050	130	250	80	510x400x500	3.0	1	220
ASP 11/150/500	1100	1050	130	500	160	510x650x500	3.5	1	220
ASP 11/200/250	1100	1050	160	250	80	510x400x500	3.0	1	220
ASP 11/200/500	1100	1050	160	500	160	510x650x500	3.5	1	220
ASP 11/250/400	1100	1050	200	400	130	710x555x740	6.0	3	380/220
ASP 11/300/400	1100	1050	250	400	130	810x555x860	9.0	3	380/220

Model	Maximum Temperature (°C)	Continuous Operating Temperature (°C)	Maximum Bore Diameter (mm)	Heated Length (mm)	Stable Zone Length (mm)	External Dimensions HxWxD (mm)	Power (kW)	Phase	Supply Voltage (V)
<b>ASP 15/100/200</b>	1500	1450	45	200	65	1300x350x650	1.5	1	220
<b>ASP 15/100/400</b>	1500	1450	45	400	130	1300x550x650	2.5	1	220
<b>ASP 15/150/200</b>	1500	1450	95	200	65	1300x350x650	3.4	1	220
<b>ASP 15/150/400</b>	1500	1450	95	400	130	1300x550x650	5.0	3	400
<b>ASP 15/200/200</b>	1500	1450	145	200	65	1400x350x750	6.0	3	400
<b>ASP 15/200/400</b>	1500	1450	145	400	130	1400x550x750	7.0	3	400
<b>ASP 15/250/200</b>	1500	1450	195	200	65	1400x350x750	7.0	3	400
<b>ASP 15/250/400</b>	1500	1450	195	400	130	1400x550x750	9.0	3	400

\*For system accessories please check the accessory page for furnaces.

### Optional Features

- ✓ Over-temperature limiter for thermal protection
- ✓ Display of inner tube temperature with an additional thermocouple
- ✓ Check valve at gas outlet
- ✓ Gas supply and blend systems for operation
- ✓ Alternative working tubes
- ✓ Gas and water cooled vacuum flanges
- ✓ Universal design for vertical and angular usage
- ✓ Data logger with the software
- ✓ RS422/485 communication

\*For your inquiries and questions please contact us

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