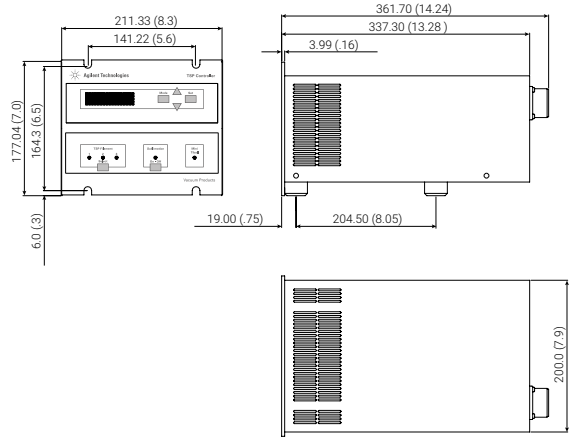


## TSP controller



Dimensions: millimeters (inches)

The TSP controller, available in compact standard half rack, operates the Agilent TSP filament cartridge. This controller provides 300 W of source power to the cartridge.

Combine the TSP controller, cartridge, and cryopanel for maximum UHV/XHV performance.

- Pump cable lengths of up to 50 m
- Compact design that is half the standard rack width
- Automatic or manual operation
- Remote control via RS-232/485 (standard)
- To operate TSP filament cartridge
- Safety marks: CE, cCSAus

### Technical Specifications

Input	100, 120, 220, 240 Vac ±10% 1-phase
Voltage (selectable at the rear of the case)	<ul style="list-style-type: none"> <li>• 90 to 110 Vac - 1 Ø (use setting 100 Vac)</li> <li>• 110 to 130 Vac - 1 Ø (use setting 120 Vac)</li> <li>• 190 to 230 Vac - 1 Ø (use setting 220 Vac)</li> <li>• 230 to 265 Vac - 1 Ø (use setting 240 Vac)</li> </ul>
Frequency:	50/60 Hz
Power consumption	1400 VA (maximum, see note)
Output current	30 to 50 A
Temperature	0 to + 45 °C
Humidity	90% maximum non condensing humidity
Storage temperature	-20 to +70 °C
In compliance with norms	EN 61010-1 EN 61326-1 - Class A (industrial application)

Protection category	IP 20
Internal use only	
Installation category	II
Pollution degree	2
Power cable	<p>3 m</p> <ul style="list-style-type: none"> <li>– 3 wires Ø AWG14, NEMA plug (only for model 929-0032)</li> <li>– 3 wires Ø 0.75 mm, 2 European plug (only for model 929-0033)</li> </ul>
Weight	Net 12 kg (26.5 lb); Shipping 16.5 kg (36.3 lb)

Note: When the controller is powered by means of a transformer, the transformer power must be at least 3000 VA to avoid a distorting of the power waveform.

## Ordering Information

Controllers*	Part number
Sublimation controller set for 220 Vac	9290033
Sublimation controller set for 110 Vac	9290032
*Power cord included	

Accessories	Part number
Cable for TSP pump (3.5 m)	9240730
Cable for TSP pump (7 m)	9240730M002
Cable for TSP pump (10 m)	9240730M001
Cable for TSP pump (30 m)	9240730M017
Cable for TSP pump (40 m)	9240730M015
Rack adapter	9290064
Mains cable NEMA plug, 3 m (10 ft)	9699958
Mains cable European plug, 3 m (10 ft)	9699957
Power cord, China plug 10 A	8121-0723