



Varian TV-2000ICE

Technical Specifications

Input:	
Voltage	100, 120, 220, 240 Vac, 1-phase
Frequency	50 to 60 Hz
Power	1900 VA maximum
Output for pump:	
Voltage	120 Vac nominal $\pm 10\%$
Frequency	550 Hz $\pm 2\%$
Start up power	700 W maximum
Maximum output power:	
Process gas Argon	300 W
Process gas Air	450 W
Operating temperature	0 °C to +40 °C
Storage temperature	-20 °C to +70 °C
Circuit breaker	10 A for 220 V input Voltage
Fuse Heater Jacket	T3.15A (slow blow)
P1 optoisolator: inputs	Minimum ON 3 mA Maximum 5 mA
outputs	24 Vdc, 60 mA
J2 semi specifications connector:	Minimum ON 3 mA
inputs	Maximum 5 mA
outputs	24 Vdc, 100 mA
J7 output (fan, forepump coil, etc.)	120 Vac, 1A disregarding the mains
J11 purge flow connector	12 Vdc power supply output and signal input
J12 heater jacket connector	Output mains
In compliance with norms	EN 55011 class A group 1 EN 61010-1 IEC1000-4-2, 1000-4-3, 1000-4-4
Auxiliary connectors	
J1	External INPUT/OUTPUT signals (sockets)
J2	Semi specifications connector
J7	Output fan Voltage and Valve, forepump socket
J13	RS 232/422/485 connection (optional)
Interconnecting cables	Mains cable (3-wire, 3-meter long) Pump cable (9-wire, 5-meter long)
Weight (both models)	19 kg (42.56 lbs)



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Varian TV-2000ICE Dimensions

