



### 3.5 Technical data

Model designation:	inLab Profire			
Version	Zirconia only 13A	Zirconia + metal 13A	Zirconia only 15A	Zirconia + metal 15A
Type of protection against electric shock:	Class I (PE-connected)			
Protection type:	IP20 (Protection against the ingress of foreign bodies, but not against the ingress of water)			
Setup:	Indoors in dry area			
Height	up to 3,000 m			
Temperature range:	5°C to 40°C (41°F to 104°F)			
Relative humidity	80% to 31°C (87.8°F), linearly decreasing above this up to 50% at 40°C (104°F), no condensation			
Setup conditions:	100mm minimum distance to the unit			
Overvoltage category:	Overvoltage category II			
Pollution degree:	2			
Mode of operation	Continuous operation			
Dimensions of unit (W x H x D):	360mm x 780mm x 534mm			
Packaging dimensions (W x H x D):	720mm x 1300mm x 620mm			
Furnace chamber (diameter x height in mm):	2 trays ø120mm x 30mm	1x sintering bell jar system	2 trays ø120mm x 30mm	1x sintering bell jar system
Maximum sintering temperature:	1,650°C (3,002°F)	1,400°C (2,552°F)	1,650°C (3,002°F)	1,400°C (2,552°F)
Approx. weight without packaging:	64 kg			
Approx. weight including packaging:	80 kg			
Optimum input pressure range for argon supply:	7+/-1 bar			
Maximum input pressure range for argon supply:	10 bar			
Rated line voltage:	220 V~ to 230 V~		200 V~ to 240 V~	
Rated power frequency:	50 Hz		50/60 Hz	
Maximum power consumption:	3,500 W			
Unit-based fuse:	16AT			
On-site fuse:	Connection to a separate electrical circuit with a 16 A fuse, type K, Z (other fuse types according to the country of use)			