		Heracell VIOS 160i CO_2 Incubator	Heracell VIOS 250i CO_2 Incubator
Construction	Chamber volume	165 L (5.8 cu.ft.)	255 L (9.0 cu ft)
	Interior chamber	electropolished stainless steel or 100% solid copper	
	Exterior chamber	18 gauge (1 mm), cold-rolled steel, powder coated	
	Access port	42 mm diameter	
	Data outputs	remote alarm contacts, USB, and optional 4-20 mA	
Dimensions	Internal dimensions (w x h x d)	470 x 607 x 576 mm	607 x 670 x 629 mm
		18.5 x 23.9 x 22.7 inches	23.9 x 26.4 x 24.8 inches
	External dimensions (w x h x d)	637 x 900 x 880 mm	774 x 968 x 934 mm
		25.1 x 35.4 x 34.6 inches	30.5 x 38.1 x 36.8 inches
	Operating weight	83 kg (without accessories), (183 lbs)	97.5 kg (215 lbs)
Shelves	Dimensions (w x d)	423 x 465 mm (16.7 x 18.3 in)	560 x 500 mm (22.05 x 19.68 in)
	Number standard/maximum	3/10	3/12
	Max. load per shelf/total load	10/30 kg (22/66 lbs)	10/30 kg (CU models), 14/42 kg* (SST models)
	Construction	perforated, adjustable	
Electrical	Rated voltage	1/N/PE AC (± 10%), 230, 220 V, 120 V, 100 V	
	Nominal kW consumption (Steri-Run)	0.56 (1.06) – 230 V, 0.51 (0.97) – 220 V	0.76 (1.26)- 230 V, 0.69 (1.16) -220 V)
		0.55 (1.01) - 120 V, 0.39 (0.72) – 100 V	0.75 (1.25)-120 V, 0.53(0.89)-100 V
	Rated frequency	50/60 Hz	
	Heat emission to environment at 37°C	0.06 kWh/h	0.07 kWh/h
	During Steri-Run:	0.26 kWh/h (average), 0.78 kWh/h (heating time), 0.59 kWh/h (hold time)	

Temperature	Control	±0.1°C
	Range	3°C above ambient to 55°C
	Uniformity	< ±0.3°C
	Ambient range	18...34°C
	Tracking alarm	±1°C
Sterilization cycle	Cycle temperature	180°C on all internal surfaces
	Cycle duration	Under 12 hours
Humidity	RH	>_93% @ 37°C
	Humidity reservoir	max. 3 L / min 0.5 L
CO_2	Control	± 0.1%
	Range	1-20%
	Tracking alarm	±1%
	Inlet pressure	12-15 PSI (0.8-1.0 barr)
	Gas purity	min. 99.5 or medical quality
	CO_2 inlet	1/8" hose (barbed)
O_2	Control	± 0.1%
	Range	1-21% or 5-90%
	Tracking alarm	±1%
	Inlet pressure	12-15 PSI (0.8-1.0 barr)
	Gas purity	min. 99.5 or medical quality
	O_2 inlet	1/8" hose (barbed)

* Equal distribution on the shelf