miVac 2 Series
Modular Concentrator

SP Genevac

DNA Concentrator

Max. rotor speed	1465 rpm
Nominal sample load g force	up to 250 g
Temperature control range	30°C to 80°C
Dimensions (W x D x H)	360 x 602 x 300 mm
With catchpot	501 x 602 x 300 mm
Weight (Approx)	41.5 kg

Duo Concentrator

Max. rotor speed	1465 rpm
Nominal sample load g force	up to 250 g
Temperature control range	30°C to 80°C
Dimensions (W x D x H)	360 x 424 x 300 mm
Weight (Approx)	21 kg

Quattro Concentrator

Max. rotor speed	1130 rpm
Nominal sample load g force	up to 250 g
Temperature control range	30°C to 80°C
Dimensions (W x D x H)	480 x 594 x 300 mm
Weight (Approx)	35 kg

Duo Pump

Ultimate vacuum§	<10.0 mbar (7.5 torr)
Peak performance	1.0 / 1.1 m^3/h
Dimensions (W x D x H)	215 x 389 x 300 mm
Weight	19 kg

Quattro Pump

Ultimate vacuum§	2.25 torr
Peak performance	2.0 / 2.2 m^3/h
Dimensions (W x D x H)	215 x 389 x 300 mm
Weight	18 kg

Super Vacuum Pump

Ultimate vacuum§	0.04 torr
Peak performance	6.2 m^3/h
Dimensions (W x D x H)	282 x 432 x 302 mm
Weight	26.6 kg

Speed Trap

Type	Single-stage vapour compression
Refrigerant gas	R1270
Refrigerant charge	28 g
CO_2E	<0.001 tonnes
Ultimate low temperature†	-50 °C
Max. pressure (PS)	30 bar
Refrigeration ACC range	110 °C
Condenser jar capacity	1 litre (maximum usable volume: 800ml)
Dimensions (W x D x H)	185 x 595 x 507 mm
Weight	34 kg

Pressure Controller

Vacuum range	1-1100 mbar
Dimensions (W x D x H)	195 x 178 x 105 mm
Weight (Approx)	1.5 kg

Emissions

Noise (@ 1 meter)	74 dBA

Actual dBA value may vary depending on equipment setup / composition

Electrical Supply

100 V	50 Hz
100 V	60 Hz
120 V	60 Hz
220 V	60 Hz
230 V	50 Hz
Max. supply input	1500 A

Storage/ Transportation Environment*

Ambient Temperature‡	0°C to 40°C
Relative humidity	10-80% non-condensing

**Store upright at all times.*

Operational Environment*

Ambient temperature	150°C to 30°C
Relative humidity	10-80% non-condensing
Altitude	Sea-level to 1600 m
Min. ventilation air-gap	50 mm
Installation environment	Indoor only

Static- dissipative laboratory or similar

§ Ultimate low temperature; operational values may vary
† Ultimate vacuum; operational values may vary
‡ -10°C permissible during transport (only)

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