

Technical data Diana700

Sample temperature	
Sensor type	Pt100, class A
Temperature range	0 °C to 450 °C
Accuracy (calibrated at 50 °C)	400 °C ± 0.95 °C
	200 °C ± 0.55 °C
	100 °C ± 0.35 °C
Resolution	0.1 °C

Condenser temperature	
Temperature range	0 °C to 80 °C
Resolution	0.1 °C

Cooling chamber temperature	
Temperature range	0 °C to 60 °C
Resolution	0.1 °C

Volume detection	
Measuring range	0 mL to 103.5 mL
Accuracy	0.1 mL
Resolution	0.01 mL

Ambient temperature	
Temperature range	-20 °C to 80 °C
Resolution	0.1 °C

Ambient pressure	
Pressure range	30 kPa to 110 kPa
Resolution	0.1 kPa

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General	
Power supply	AC 90 V - 240 V, 50/60 Hz
Total power	900 W
Heating power	500 W
Overvoltage category	II
Display	10" TFT, PCAP touchscreen
Interfaces	1 × Ethernet
	5 × USB
	1 × HDMI

Dimensions and weight	
Dimensions (W × D × H)	approx. 406 mm × 525 mm × 645 mm
Weight	approx. 40 kg

Safety	
Fire extinguisher	Built-in fire extinguisher with IR sensor for fire detection
Fire-extinguishing agent	CO ₂ or N ₂ , pressure 4 bar to 6 bar detection whether gas is connected or not