



Technical

Sample temperature
Sensor type
Temperature range
Accuracy (calibrated at 50 °C)
Resolution

Condenser temperature
Temperature range
Resolution

Cooling chamber temperature
Temperature range
Resolution

Volume detection
Measuring range
Accuracy
Resolution

Ambient temperature
Temperature range
Resolution

Ambient pressure
Pressure range
Resolution

General
Power supply
Total power
Heating power
Overvoltage category
Display
Interfaces

Dimensions and weight
Dimensions (W × D × H)
Weight

Safety
Fire extinguisher
Fire-extinguishing agent

ul Data Diana300

Pt100, class A
0 °C to 450 °C
400 °C ± 0.95 °C
200 °C ± 0.55 °C
100 °C ± 0.35 °C
0.1 °C

0 °C to 80 °C
0.1 °C

0 °C to 60 °C
0.1 °C

0 mL to 103.5 mL
0.1 mL
0.01 mL

-20 °C to 80 °C
0.1 °C

30 kPa to 110 kPa
0.1 kPa

AC 90 V - 240 V, 50/60 Hz
900 W
500 W
II
10" TFT, PCAP touchscreen
2 × USB

approx. 406 mm × 525 mm × 645 mm
approx. 40 kg

Built-in fire extinguisher with IR sensor for fire detection
CO2 or N2, pressure 4 bar to 6 bar detection whether gas is connected or not