

Sorption Analyzer SPS23-100n - Technical Data

Sorption Test System with Autosampler

Load Capacity:	23 Samples in Sample Pans \varnothing 18 mm. 24 Samples in Pans \varnothing 18 mm. (not weighted)
Max load:	2000 mg per sample
Resolution:	0.1 μ g
Repeatability:	\pm 1.5 μ g RMS
Temperature Range:	+10 °C. to +40 °C
Temperature accuracy:	over time \pm 0.1 K uniformity \pm 0.5 K
Humidity Range:	0 % r.H. to 98 % r.H.* Dew Point -70°C to + 38°C.
Humidity accuracy:	\pm 0.6% r.H. (0 ... 100% r.H) at 23°C \pm 5°C
Long term stability:	better than 1% r.H. per Year
Dimensions:	Width: 488 mm Depth: 630 mm Height: 437 mm Weight: 68 kg**
Environmental Conditions:	Temperature: +15°C to +25°C Humidity: +75% r.H. max
Power supply:	Voltage: 230VAC \pm 15 % 1/N 50 Hz Power: 0.5 kW**
Gas supply:	Compressed Air / Nitrogen dried, oil-free
Operating Pressure:	1.5 bar to 10 bar
Dew Point:	\leq -70°C
Validation:	DKD Calibration Certificate with "Min Weight" certification
Optional:	Salt Validation test with humidity standards Software validation package according to CFR21 part 11

*Note: The full humidity range is only available at chamber temperatures slightly above room temperature.

**Note: Dimension, weight and power consumption do not include Computer, Balance Terminal, Keyboard and Monitor.