

## Multisample Dynamic Moisture Sorption Vsorp



*The Vsorp is an easy to operate, high sample throughput instrument for routine measurements in research, development and quality assurance.*

*Combining our longstanding experience in the construction of measurement devices with state-of-the-art manufacturing, the Vsorp covers the requirements of an advanced multisample instrument at a reasonable price.*

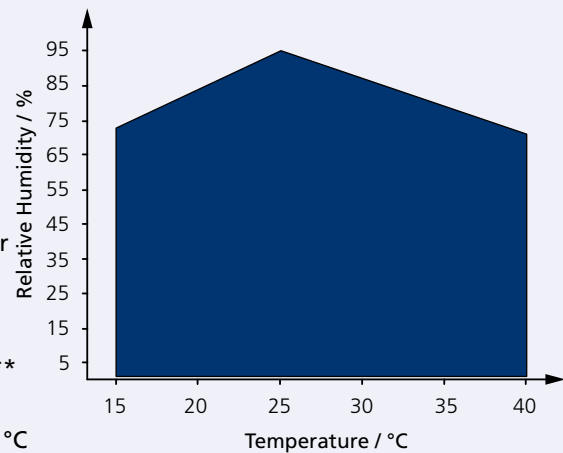
### Vsorp Model Series

	<b>Vsorp Enhanced</b>	<b>Vsorp Plus</b>	<b>Vsorp Basic</b>
Resolution:	1 µg/10 µg	10 µg/100 µg	100 µg
Repeatability:	±5 µg/±20 µg	±20 µg/±100 µg	±100 µg
	<b>Vsorp Enhanced</b>	<b>Vsorp Plus</b>	<b>Vsorp Basic</b>
	11/23 samples	11 samples	5 samples
	Ø 33 mm/50 mm	Ø 50 mm	Ø 86 mm
	22 g/220 g max dual range	111 g/220 g max dual range	220 g max

### Technical data

Temperature range:	+15 °C to +40 °C
Temperature accuracy:	Over time ±0.1 K
Humidity range:	0 % RH to 95 % RH*
Humidity accuracy:	±0.6 % RH (0 ... 100 % RH) at 23 °C ±5 °C
Long term stability :	Better than 1 % RH per year
Dimensions:	Width: 450 mm Depth: 660 mm Height: 350 mm (800 mm with cover open)**

Weight:	32 kg**
Environmental conditions:	Temperature: +15 °C to +25 °C Humidity: 75 % RH max
Power supply:	Voltage: 100 V – 230 VAC ±15 % 1/N 50 Hz - 60Hz Power: 0.5 kW**
Gas supply:	Compressed air/nitrogen, 1.5 bar to 10 bar, dried and oil-free Dew point ≤-70 °C
Gravimetric validation:	DKD Calibration Certificate with "Min Weight" certification (optional)
Humidity validation:	Salt validation procedure with humidity standards
Optional:	Software validation package according to CFR21 part 11



\* Note: Max RH value. See diagram for possible T/RH combinations, valid at 22 °C ambient temperature.

\*\* Note: Dimension, weight and power consumption do not include keyboard and monitor.