



1. Temperature	<ul style="list-style-type: none">• Temperature controlled enclosure• Control range: 20°C to 70°C• Regulation accuracy: $\pm 0.2^\circ\text{C}$• Enclosure also provides anti-condensation protection
2. Weight measurement	<ul style="list-style-type: none">• High Resolution microbalance• Sample mass: between 1 and 1000mg• Mass change: $\pm 150\text{mg}$• Resolution (precision): 0.1 μg• Peak to peak noise: $\leq 0.3 \mu\text{g}$
3. Pressure measurement	<ul style="list-style-type: none">• 1000 Torr Baratron full scale from 0.01 up to 1000 Torr (standard)• 10 Torr Baratron: full scale from 0.005 up to 10 Torr (standard)• Other ranges available upon request (100 and 500 Torr)• Accuracy: ± 0.5 of Reading• Resolution: 0.01% of full scale
4. Vacuum pressure measurement	Vacuum pressure transducer: full scale from 1×10^{-8} Torr up to 760 Torr
5. Computer hardware and software	The system is fully automated and controlled by purpose-built software. Data can be analyzed in real time using analysis software.

