1. Temperature	• Temperature controlled enclosure • Control range: 20°C to 70°C • Regulation accuracy: ±0.2°C • Enclosure also provides anti-condensation protection
2. Weight measurement	• High Resolution microbalance • Sample mass: between 1 and 1000mg • Mass change: ±150mg • Resolution (precision): 0.1 µg • Peak to peak noise: ≤ 0.3 µg
3. Pressure measurement	• 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.